RaySharp

PRODUCT GUIDE

Camera/ NVR/ XVR/ Wireless

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ABOUT US

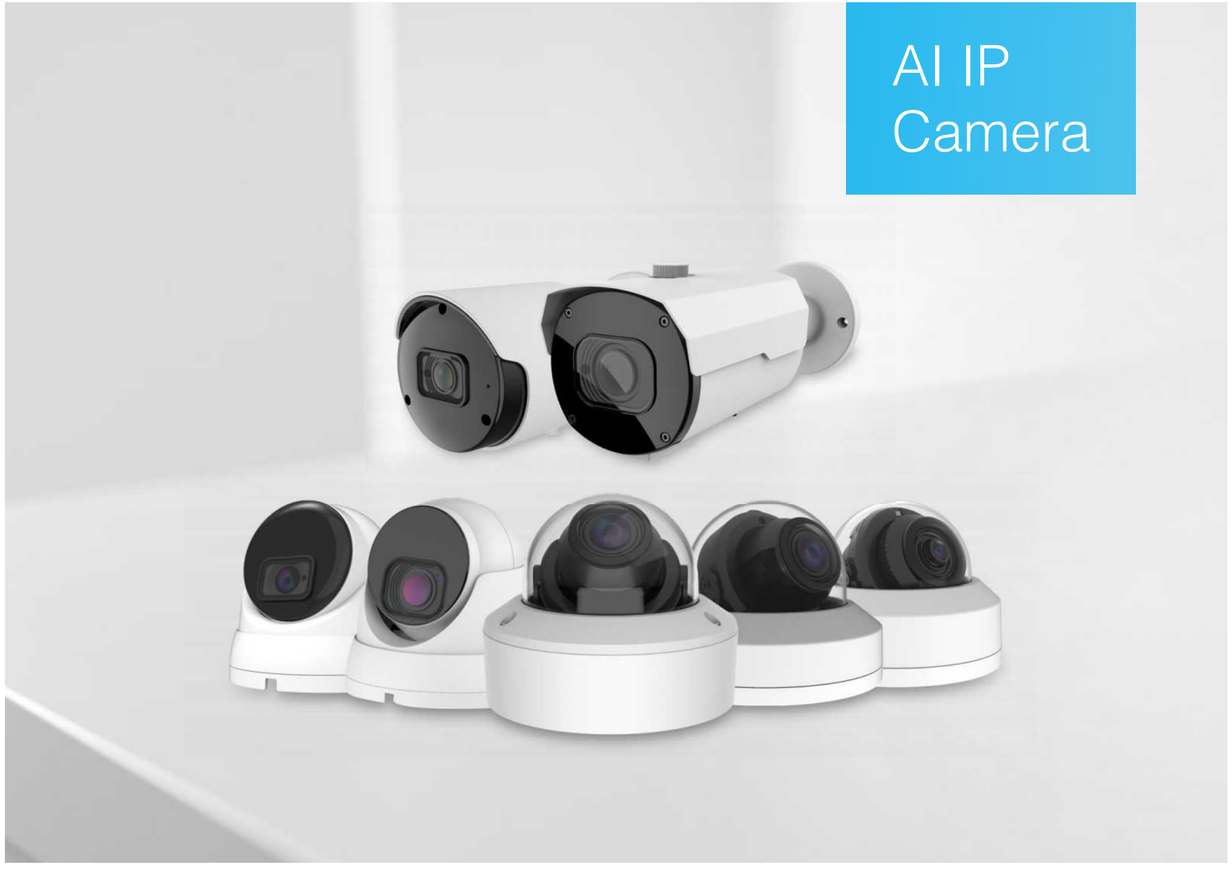
Nowadays, more and more people pay close attention to their family and assets's security and safety, RaySharp's mission is to provide easy-to-install, simple-to-operate, high-quality and competitive-priced line of video surveillance products and let people feel safe in their daily life and work.

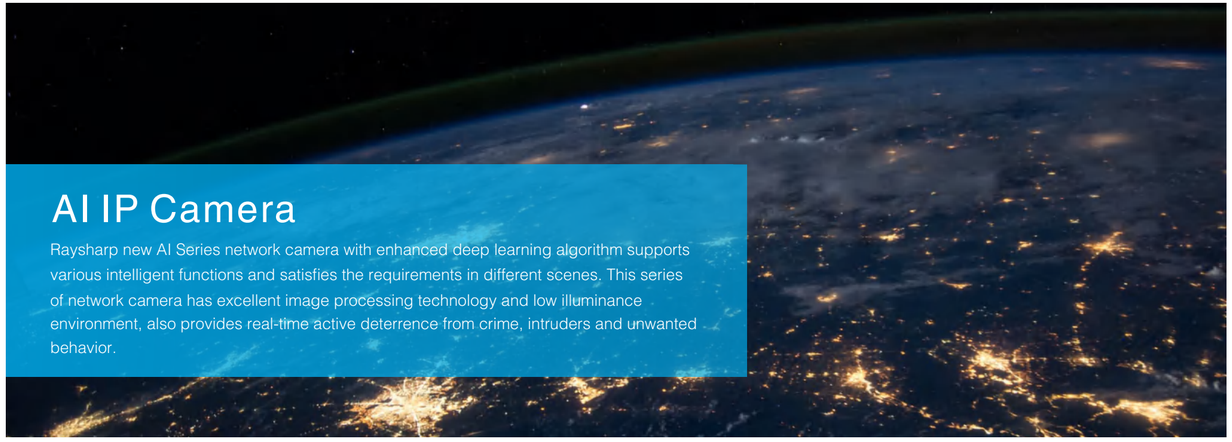
From SMT workshop, wave soldering workshop, assembling, testing to packing, a complete ISO certificated manufacturing system with 1500 skilled & trained employees had been built to ensure more than 100,000 units DVR/NVR & 400,000 cameras are exported monthly to all over the world. All the products released from RaySharp are CE, FCC certificated and matched to RoHS standard.

More than 250 professional R&D engineers are employed for mechanical design and electron software. We realize that continuous innovation is the core competitive power of RaySharp, and accordingly, no less than 10% of our annual sales are invested in R&D every year to ensure our products always keep abreast with technological innovation.

RaySharp provides OEM and customized service to meet your market requirements. We will continue our aggressive drive to expand our international distribution network and warmly welcome all overseas partner and distributor to cooperate with us in the near future.

AI IP Camera





AI IP Camera

Raysharp new AI Series network camera with enhanced deep learning algorithm supports various intelligent functions and satisfies the requirements in different scenes. This series of network camera has excellent image processing technology and low illuminance environment, also provides real-time active deterrence from crime, intruders and unwanted behavior.

Easy Configuration

Easily and quickly enable a video analysis rule to start enjoying the simplicity and effectiveness AI performance. Users can easily enable an algorithm manually for specific use.

False Alarm Reduction

A new generation AI algorithm accurately senses and distinguishes human and vehicle movements from other moving objects, reducing false alarms.

Quick Target Search

Enables staff to automatically identify footage of people and vehicles, eliminating the high costs of manual searches of video footage

Queue Management

A new generation AI algorithm can detect the number of people waiting in line and the wait time warning.

Density Control by People Counting

Supports people counting when individuals enter and exit a specified area within a certain time frame.

Color-full

Clear, full color images days and night with brilliant detail and clarity for more rapid identification of objects. Also illuminates darkened walkways within cities or buildings.

H.265+ Video Compression

Effective H.265+ video compression technology for bandwidth and storage savings

Simple Third-Party Integration

Allowing third-party integrators the flexibility to use intelligent analysis results. Capabilities can be further expanded with customized project development.

AI Functions

Face Recognition

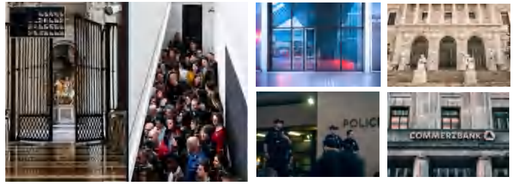
Adopt deep learning algorithm to extract facial features,then recognize the faces accurately after comparing with the facial pictures in the system.

Face Recognition

AI Search

Gate Control

To control the gate according to the White and Block list by face recognition,which is nice to manage personnel entry and exit.



Mask Detection

Sound a warning notice when someone detected not wearing a mask.To improve the management effciency of public areas and reduce the cost of manual inspection.

SOD

alarm for the legacy of object and lost of object

legacy of object : Set a specific area in the picture as caution status, once there is something else stay in this area, it could immediately trigger alarm.

lost of object : Set a specific area in the picture as caution status, once the object leave this areas, it could immediately trigger alarm.

AI Functions

Face Attendance

The staff can clock on and off by face, no contact, no feeling, which can reduce bacterial contact or viral cross-infection.Moreover, the face attendence data can be exported as a file and be sent to the specified email address according to the schedule setting.

Regional population statistics

Real time to detect the number of people in a specific area, when the number of people in the area exceeds the limit threshold, an alarm will be sent out to avoid the situation of too dense crowd, which is convenient for on-site management.

Customers flow statistics

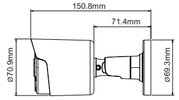
Customers flow cycle analysis, repeat visitor statistics, customers flow time period analysis, accurate analysis of customers age and gender, analysis of the proportion of new and old customers, helping sellers to efficiently market.

Queue length detection

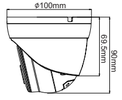
Queue length detection, which can detect single-person processing events and real-time alarms when there are too many people in the queue, so that managers can handle abnormal situations in time, improve service efficiency, and enhance customer shopping experience.

Day Night IPC 2/5/8MP AI Fixed Series

CK



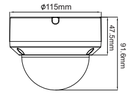
KGB



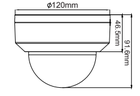
Model	RS-CH281M8CK-TF-LW36PW-M RS-CH381M8KGB-TF-LW36PW-M	RS-CH252M6CK-TF-LW36PW-M RS-CH352M6KGB-TF-LW36PW-M	RS-CH240M4CK-TF-LW36PW-M RS-CH340M4KGB-TF-LW36PW-M	RS-CH248N3CK-TF-L28PW-M RS-CH348N3KGB-TF-L28PW-M
Imaging Device	1/2.8"	1/2.7"	1/2.8"	1/2.7"
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)	
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON			
Focal Length (Zoom Ratio)	2.8/3.6mm			
Angular Field of View	Horizontal: 87°, Vertical: 44°, Diagonal: 104°	Horizontal: 79°, Vertical: 56°, Diagonal: 106°	Horizontal: 87°, Vertical: 44°, Diagonal: 104°	Horizontal: 91°, Vertical: 46°, Diagonal: 109°
Min. Object Distance	2m			
Lens Type	Fixed(M12)			
IR Viewable Length	Up to 30m			
Day & Night	IR cut filter with auto switch(Day/Night/Auto/Image/Schedule)			
Wide Dynamic Range	WDR			
Digital Noise Reduction	3D DNR			
Motion Detection	Off/On (8 Level)			
White Balance	Auto/Manual			
Electronic Shutter Speed	1/5 ~ 1/20000s			
On-Board Storage	Micro SD slot, up to 256GB			
Alarm	NA			
Audio	Built-in microphone			
Hardware Reset	Yes			
Smart Feature	PID,LCD,PD/VD, FD,SOD,CC,HM,CD, QD,LPD,RSD			FD,PD&VD,PID,LCD,SOD,CC,HM,RSD
Ethernet	RJ45(10/100BASE-T)			
Video Compression Format	H.265/H.264			
Max.Resolution	1080P(1920x1080)@60fps	5MP(2592x1944)@30fps	8MP(3840x2160)@30fps	8MP(3840x2160)@25fps
Video Quality Ajustment	8Kbps ~ 8Mbps		8Kbps ~ 16Mbps	
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP			
Application Programming Interface	ONVIF(Profile S/G/T)			
Operating Conditions	-30～+55°C/less than ≤ 95% RH			
Ingress Protection	IP66			
Input Voltage / Current	D12V/PoE(IEEE802.3af)			
Power Consumption(IR OFF)	2W - 4W			
Power Consumption(IR ON)	4W - 6.5W			
Material	Metal			

Day Night IPC 2/5/8MP AI Fixed Series

RB



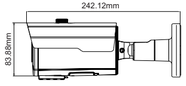
DC



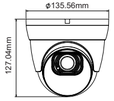
Model	RS-CH681M8RB-LWA28PW RS-CH481M8DC-LWA28PW	RS-CH652M6RB-LWA28PW RS-CH452M6DC-LWA28PW	RS-CH640M4RB-LWA28PW RS-CH440M4DC-LWA28PW	RS-CH648N3RB-LA28PW RS-CH448N3DC-LA28PW
Imaging Device	1/2.8"	1/2.7"	1/2.8"	1/2.7"
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)	
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON			
Focal Length (Zoom Ratio)	2.8mm			
Angular Field of View	Horizontal: 105°, Vertical:55°, Diagonal: 126°	Horizontal: 97°, Vertical: 70°, Diagonal: 128°	Horizontal: 105°, Vertical: 56°, Diagonal: 126°	Horizontal: 110°, Vertical: 58°, Diagonal: 132°
Min. Object Distance	1.8m			
Lens Type	Fixed(M12)			
IR Viewable Length	Up to 20m			
Day & Night	IR cut filter with auto switch(Day/Night/Auto/Image/Schedule)			
Wide Dynamic Range	WDR			
Digital Noise Reduction	3D DNR			
Motion Detection	Off/On (8 Level)			
White Balance	Auto/Manual			
Electronic Shutter Speed	1/5 ~ 1/20000s			
On-Board Storage	Micro SD slot, up to 256GB			
Alarm	1 input, 1 output			
Audio	1 input (RCA), 1 output (RCA)			
Hardware Reset	Yes			
Smart Feature	PID,LCD,PD/VD, FD,SOD,CC,HM,CD, QD,LPD,RSD			FD,PD&VD,PID,LCD,SOD,CC,HM,RSD
Ethernet	RJ45(10/100BASE-T)			
Video Compression Format	H.265/H.264			
Max.Resolution	1080P(1920x1080)@60fps	5MP(2592x1944)@30fps	8MP(3840x2160)@30fps	8MP(3840x2160)@25fps
Video Quality Ajustment	8Kbps ~ 8Mbps		8Kbps ~ 16Mbps	
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP			
Application Programming Interface	ONVIF(Profile S/G/T)			
Operating Conditions	-30～+55°C/less than ≤ 95% RH			
Ingress Protection	IP66			
Input Voltage / Current	D12V/PoE(IEEE802.3af)			
Power Consumption(IR OFF)	2W - 4W			
Power Consumption(IR ON)	4W - 6.5W			
Material	Metal / Plastic			

Day Night IPC 2/5/8MP AI Varifocal Series

ND



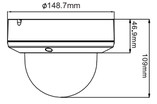
MCA



Model	RS-CH281M8ND-DF-WA2812PW RS-CH381M8MCA-WA2812PW	RS-CH252M6ND-DF-WA2812PW RS-CH352M6MCA-WA2812PW	RS-CH240M4ND-DF-WA2812PW RS-CH340M4MCA-WA2812PW	RS-CH248N3ND-DF-A2812PW RS-CH348N3MCA-A2812PW
Imaging Device	1/2.8"	1/2.7"	1/2.8"	1/2.7"
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)	
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON			
Focal Length (Zoom Ratio)	2.8-12mm	2.7-13.5mm		
Angular Field of View	Horizontal: 33 ~ 101°, Vertical:18 ~ 52°, Diagonal: 37 ~ 124°	Horizontal: 31 ~ 102°, Vertical:23 ~ 73°, Diagonal: 38 ~ 138°	Horizontal: 33 ~ 111°, Vertical:18 ~ 57°, Diagonal: 37 ~ 134°	Horizontal: 34 ~ 116°, Vertical:19 ~ 59°, Diagonal: 39 ~ 142°
Min. Object Distance	1.2m(W/T)	0.3m~INF	0.8m~INF(W),1m~INF(T)	
Lens Type	Motorized(Ø14)			
IR Viewable Length	Up to 45m			
Day & Night	IR cut filter with auto switch(Day/Night/Auto/Image/Schedule)			
Wide Dynamic Range	WDR			
Digital Noise Reduction	3D DNR			
Motion Detection	Off/On (8 Level)			
White Balance	Auto/Manual			
Electronic Shutter Speed	1/5 ~ 1/20000s			
On-Board Storage	Micro SD slot, up to 256GB			
Alarm	1 input, 1 output			
Audio	1 input (RCA), 1 output (RCA)			
Hardware Reset	Yes			
Smart Feature	PID,LCD,PD/VD, FD,SOD,CC,HM,CD, QD,LPD,RSD			FD,PD&VD,PID,LCD,SOD,CC,HM,RSD
Ethernet	RJ45(10/100BASE-T)			
Video Compression Format	H.265/H.264			
Max.Resolution	1080P(1920x1080)@60fps	5MP(2592x1944)@30fps	8MP(3840x2160)@30fps	8MP(3840x2160)@25fps
Video Quality Ajustment	8Kbps ~ 8Mbps		8Kbps ~ 16Mbps	
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP			
Application Programming Interface	ONVIF(Profile S/G/T)			
Operating Conditions	-30～+55°C/less than ≤ 95% RH			
Ingress Protection	IP66			
Input Voltage / Current	D12V/PoE(IEEE802.3af)			
Power Consumption(IR OFF)	3W - 5W			
Power Consumption(IR ON)	7W - 10W			
Material	Metal			

Day Night IPC 2/5/8MP AI Varifocal Series

FG



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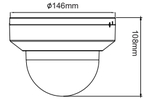
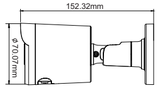


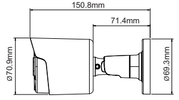
Model	RS-CH681M8FG-DF-WA2812PW RS-CH481M8DB-WA2812PW	RS-CH652M6FG-DF-WA2812PW RS-CH452M6DB-WA2812PW	RS-CH640M4FG-DF-WA2812PW RS-CH440M4DB-DF-WA2812PW	RS-CH648N3FG-DF-A2812PW RS-CH448N3DB-A2812PW
Imaging Device	1/2.8"	1/2.7"	1/2.8"	1/2.7"
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)	
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON			
Focal Length (Zoom Ratio)	2.8-12mm	2.7-13.5mm		
Angular Field of View	Horizontal: 33 ~ 101°, Vertical:18 ~ 52°, Diagonal: 37 ~ 124°	Horizontal: 31 ~102°, Vertical: 23 ~ 73°, Diagonal: 38 ~ 138°	Horizontal: 33 ~111°, Vertical: 18 ~ 57°, Diagonal: 37 ~ 134°	Horizontal:34-116°, Vertical: 19-59°, Diagonal: 39-142°
Min. Object Distance	1.2m(W/T)	0.3m~INF	0.8m~INF(W),1m~INF(T)	0.8m(W) ~ 1m(T)
Lens Type	Motorized(Ø14)			
IR Viewable Length	Up to 30m			
Day & Night	IR cut filter with auto switch(Day/Night/Auto/Image/Schedule)			
Wide Dynamic Range	WDR			
Digital Noise Reduction	3D DNR			
Motion Detection	Off/On (8 Level)			
White Balance	Auto/Manual			
Electronic Shutter Speed	1/5 ~ 1/20000s			
On-Board Storage	Micro SD slot, up to 256GB			
Alarm	1 input, 1 output			
Audio	1 input (RCA), 1 output (RCA)			
Hardware Reset	Yes			
Smart Feature	PID,LCD,PD/VD, FD,SOD,CC,HM,CD, QD,LPD,RSD			FD,PD&VD,PID,LCD,SOD,CC,HM,RSD
Ethernet	RJ45(10/100BASE-T)			
Video Compression Format	H.265/H.264			
Max.Resolution	1080P(1920x1080)@60fps	5MP(2592x1944)@30fps	8MP(3840x2160)@30fps	8MP(3840x2160)@25fps
Video Quality Ajustment	8Kbps ~ 8Mbps		8Kbps ~ 16Mbps	
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP			
Application Programming Interface	ONVIF(Profile S/G/T)			
Operating Conditions	-30～+55°C/less than ≤ 95% RH			
Ingress Protection	IP66			
Input Voltage / Current	D12V/PoE(IEEE802.3af)			
Power Consumption(IR OFF)	3W - 5W			
Power Consumption(IR ON)	5W - 8W			
Material	Metal / Plastic			

Day Night IPC 2/5/8MP Value AI Fixed Series

CU



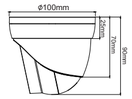
CK



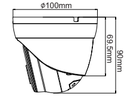
Model	RS-CH224N6CU-TF-28PW-M	RS-CH256M4CK-TF-LW36PW-M	RS-CH248M7CK-TF-L36PW-M
Imaging Device	1/3"	1/2.7"	
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2880（H）x1620（V）	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON		
Focal Length (Zoom Ratio)	2.8mm	3.6mm	
Angular Field of View	Horizontal:88.2 °, Vertical:48.7°, Diagonal: 104.5°	Horizontal: 91°, Vertical: 46°, Diagonal: 110°	Horizontal: 91°, Vertical: 46°, Diagonal: 109°
Min. Object Distance	0.8m	2m	
Lens Type	Fixed(M12)		
IR Viewable Length	Up to 25m	Up to 30m	
Day & Night	IR cut filter with auto switch（Day/Night/Image/Schedule）		
Wide Dynamic Range	DWDR	WDR	
Digital Noise Reduction	3D DNR		
Motion Detection	Off/On (8 Level)		
White Balance	Auto/Manual		
Electronic Shutter Speed	1/5 ~ 1/20000s		
On-Board Storage	Micro SD slot, up to 256GB		
Alarm	NA		
Audio	Built-in microphone		
Hardware Reset	Yes		
Smart Feature	SMD	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD	PID,LCD,SOD,PD/VD,CC,CD,QD,HM
Ethernet	RJ45(10/100BASE-T)		
Video Compression Format	H.265/H.264		
Max.Resolution	2MP(1920x1080)@30fps	5MP(2880x1620)@30fps	8MP(3840x2160)@20fps
Video Quality Ajustment	8Kbps ~ 8Mbps	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP		
Application Programming Interface	ONVIF(Profile S/G/T)		
Operating Conditions	-30～+55°C/less than ≤ 95% RH		
Ingress Protection	IP66		
Input Voltage / Current	D12V/PoE(IEEE802.3af)		
Power Consumption(IR OFF)	2W - 3W		
Power Consumption(IR ON)	4W - 5.5W		
Material	Plastic / Metal	Metal	

Day Night IPC 2/5/8MP Value AI Fixed Series

KMB



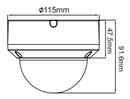
KGB



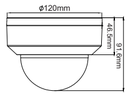
Model	RS-CH324N6KMB-TF-28PW-M	RS-CH356M4KGB-TF-LW36PW-M	RS-CH348M7KGB-TF-L36PW-M
Imaging Device	1/3"	1/2.7"	
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2880（H）x1620（V）	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON		
Focal Length (Zoom Ratio)	2.8mm	3.6mm	
Angular Field of View	Horizontal:88.2 °, Vertical:48.7°, Diagonal: 104.5°	Horizontal: 91°, Vertical: 46°, Diagonal: 110°	Horizontal: 91°, Vertical: 46°, Diagonal: 109°
Min. Object Distance	0.8m	2m	
Lens Type	Fixed(M12)		
IR Viewable Length	Up to 25m	Up to 30m	
Day & Night	IR cut filter with auto switch(Day/Night/Auto/Image/Schedule)		
Wide Dynamic Range	DWDR	WDR	
Digital Noise Reduction	3D DNR		
Motion Detection	Off/On (8 Level)		
White Balance	Auto/Manual		
Electronic Shutter Speed	1/5 ~ 1/20000s		
On-Board Storage	Micro SD slot, up to 256GB		
Alarm	NA		
Audio	Built-in microphone		
Hardware Reset	Yes		
Smart Feature	SMD	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD	PID,LCD,SOD,PD/VD,CC,CD,QD,HM
Ethernet	RJ45(10/100BASE-T)		
Video Compression Format	H.265/H.264		
Max.Resolution	2MP(1920x1080)@30fps	5MP(2880x1620)@30fps	8MP(3840x2160)@20fps
Video Quality Ajustment	8Kbps ~ 8Mbps	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP		
Application Programming Interface	ONVIF(Profile S/G/T)		
Operating Conditions	-30～+55°C/less than ≤ 95% RH		
Ingress Protection	IP66		
Input Voltage / Current	D12V/PoE(IEEE802.3af)		
Power Consumption(IR OFF)	2W - 3W		
Power Consumption(IR ON)	4W - 5.5W		
Material	Plastic / Metal	Metal	

Day Night IPC 5/8MP Value AI Fixed Series

RB



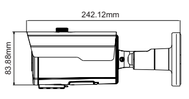
DC



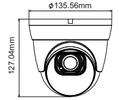
Model	RS-CH656M4RB-LW28PW-M RS-CH456M4DC-LW28PW-A	RS-CH648M7RB-L28PW-M RS-CH448M7DC-L28PW-A
Imaging Device	1/2.7"	
Effective Pixels	5MP 2880（H）x1620（V）	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	2.8mm	
Angular Field of View	Horizontal: 110°, Vertical: 58°, Diagonal: 133°	Horizontal: 110°, Vertical: 58°, Diagonal: 132°
Min. Object Distance	1.8m	
Lens Type	Fixed(M12)	
IR Viewable Length	Up to 20m	
Day & Night	IR cut filter with auto switch（Day/Night/Auto/Image/Schedule）	
Wide Dynamic Range	WDR	
Digital Noise Reduction	3D DNR	
Motion Detection	Off/On (8 Level)	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Alarm	NA	
Audio	Built-in microphone/1 input (RCA), 1 output (RCA)	
Hardware Reset	Yes	
Smart Feature	PID,LCD,SOD,PD/VD,CC,CD,QD,HM,RSD,LPD	PID,LCD,SOD,PD/VD,CC,CD,QD,HM,RSD
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	5MP(2880x1620)@30fps	8MP(3840x2160)@20fps
Video Quality Ajustment	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C/less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Power Consumption(IR OFF)	2W - 3W	
Power Consumption(IR ON)	3.5W - 5W	
Material	Metal / Plastic	

Day Night IPC 5/8MP Value AI Varifocal Series

ND



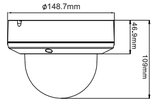
MCA



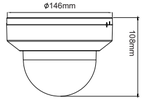
Model	RS-CH256M4ND-DF-WA2812PW RS-CH356M4MCA-WA2812PW	RS-CH248M7ND-DF-2812PW-A RS-CH348M7MCA-2812PW-A
Imaging Device	1/2.7"	
Effective Pixels	5MP 2880（H）x1620（V）	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	2.8-12mm	2.7-13.5mm
Angular Field of View	Horizontal: 107-33.6°, Vertical: 54.7-18.9°, Diagonal: 133.7-37.6°	Horizontal: 32 ~114°, Vertical: 18 ~ 59°, Diagonal: 36 ~ 140°
Min. Object Distance	0.2M~INF	0.8m(W) ~ 1m(T)
Lens Type	Motorized(Ø14)	
IR Viewable Length	Up to 45m	
Day & Night	IR cut filter with auto switch（Day/Night/Auto/Image/Schedule）	
Wide Dynamic Range	WDR	
Digital Noise Reduction	3D DNR	
Motion Detection	Off/On (8 Level)	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Alarm	1 input, 1 output	NA
Audio	1 input (RCA), 1 output (RCA)	
Hardware Reset	Yes	
Smart Feature	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD	PID,LCD,SOD,PD/VD,CC,CD,QD,HM,RSD
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	5MP(2880x1620)@30fps	8MP(3840x2160)@20fps
Video Quality Ajustment	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C/less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Power Consumption(IR OFF)	3W - 4W	
Power Consumption(IR ON)	5W - 7W	
Material	Metal	

Day Night IPC 5/8MP Value AI Varifocal Series

FG



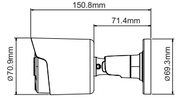
DB



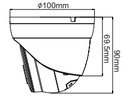
Model	RS-CH656M4FG-DF-WA2812PW RS-CH456M4DB-WA2812PW	RS-CH648M7FG-DF-2812PW-A RS-CH448M7DB-2812PW-A
Imaging Device	1/2.7"	
Effective Pixels	5MP 2880（H）x1620（V）	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	2.8-12mm	2.7-13.5mm
Angular Field of View	Horizontal: 107-33.6°, Vertical: 54.7-18.9°, Diagonal: 133.7-37.6°	Horizontal: 32 ~114°, Vertical: 18 ~ 59°, Diagonal: 36 ~ 140°
Min. Object Distance	0.2M~INF	0.8m(W) ~ 1m(T)
Lens Type	Motorized(Ø14)	
IR Viewable Length	Up to 30m	
Day & Night	IR cut filter with auto switch（Day/Night/Auto/Image/Schedule）	
Wide Dynamic Range	WDR	
Digital Noise Reduction	3D DNR	
Motion Detection	Off/On (8 Level)	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Alarm	1 input, 1 output	NA
Audio	1 input (RCA), 1 output (RCA)	
Hardware Reset	Yes	
Smart Feature	PID,LCD,SOD,PD/VD,CC,CD,QD,HM,LPD,RSD	PID,LCD,SOD,PD/VD,CC,CD,QD,HM,RSD
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	5MP(2880x1620)@30fps	8MP(3840x2160)@20fps
Video Quality Ajustment	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C/less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Power Consumption(IR OFF)	3W - 4W	
Power Consumption(IR ON)	5W - 7W	
Material	Metal / Plastic	

Day Night IPC 2/5MP ECO Fixed Series

CK



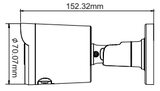
KGB



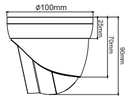
Model	RS-CH222M6CK-TF-36PW-M RS-CH322M6KGB-TF-36PW-M	RS-CH258M3CK-TF-L36PW-M RS-CH358M3KGB-TF-L36PW-M
Imaging Device	1/2.7"	
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	3.6mm	
Angular Field of View	Horizontal: 86°, Vertical: 47°, Diagonal: 105°	Horizontal: 79°, Vertical:56°, Diagonal: 106°
Min. Object Distance	2m	
Lens Type	Fixed(M12)	
IR Viewable Length	Up to 30m	
Day & Night	IR cut filter with auto switch（Day/Night/Auto/Image/Schedule）	
Wide Dynamic Range	DWDR	
Digital Noise Reduction	3D DNR	
Motion Detection	Off/On (8 Level)	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Alarm	NA	
Audio	Built-in microphone	
Hardware Reset	Yes	
Smart Feature	NA	
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	2MP(1920x1080)@30fps	5MP(2592x1944)@20fps
Video Quality Ajustment	128Kbps ~ 4Mbps	8Kbps ~ 8Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C/less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Power Consumption(IR OFF)	1.5W - 3W	
Power Consumption(IR ON)	3.5W - 5.5W	
Material	Metal	

Day Night IPC 4/8MP ECO Fixed Series

CU



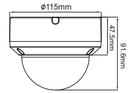
KMB



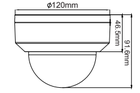
Model	RS-CH298N4CU-TF-36PW-M RS-CH398N4KMB-TF-36PW-M	RS-CH248N5CU-TF-36PW-M RS-CH348N5KMB-TF-36PW-M
Imaging Device	1/3"	1/2.7"
Effective Pixels	4MP 2560(H)×1440 (V)	8MP 3840(H) * 2160(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	3.6mm	
Angular Field of View	Horizontal: 75°, Vertical: 41°, Diagonal: 88°	Horizontal: 86°, Vertical: 46°, Diagonal: 105°
Min. Object Distance	0.8m	2m
Lens Type	Fixed(M12)	
IR Viewable Length	Up to 25m	
Day & Night	IR cut filter with auto switch(Day/Night/Auto/Image/Schedule)	
Wide Dynamic Range	DWDR	
Digital Noise Reduction	3D DNR	
Motion Detection	Off/On (8 Level)	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Alarm	NA	
Audio	Built-in microphone	
Hardware Reset	Yes	
Smart Feature	SMD	
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	4MP 2560(H)×1440 (V)@30fps	8MP (3840 X 2160)@15-20fps
Video Quality Ajustment	128Kbps ~ 4Mbps	8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C/less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Power Consumption(IR OFF)	1.5W - 3W	
Power Consumption(IR ON)	3.5W - 5.5W	
Material	Plastic/Metal	

Day Night IPC 2/5MP ECO Fixed Series

RB



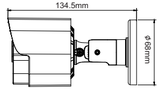
DC



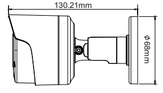
Model	RS-CH622M6RB-28PW-M RS-CH422M6DC-28PW-A	RS-CH658M3RB-L28PW-M RS-CH458M3DC-L28PW-A
Imaging Device	1/2.7"	
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	2.8mm	
Angular Field of View	Horizontal: 103°,Vertical: 55°, Diagonal: 126°	Horizontal: 97°, Vertical:70°, Diagonal: 128°
Min. Object Distance	0.8m	1.8m
Lens Type	Fixed(M12)	
IR Viewable Length	Up to 20m	
Day & Night	IR cut filter with auto switch（Day/Night/Auto/Image/Schedule）	
Wide Dynamic Range	DWDR	
Digital Noise Reduction	3D DNR	
Motion Detection	Off/On (8 Level)	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Alarm	NA	
Audio	Built-in microphone/1 input (RCA), 1 output (RCA)	
Hardware Reset	Yes	
Smart Feature	NA	
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	2MP(1920x1080)@30fps	5MP(2592x1944)@20fps
Video Quality Ajustment	128Kbps ~ 4Mbps	8Kbps ~ 8Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C/less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Power Consumption(IR OFF)	1.5W - 3W	
Power Consumption(IR ON)	3.5W - 5.5W	
Material	Metal / Plastic	

Day Night IPC 2/4MP ECO Fixed Series

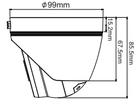
UI



UG



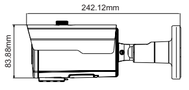
KHP



Model	RS-CH224M6UI-TF-36PW-M RS-CH324M6KHP-TF-36PW-M	RS-CH298N3UG-TF-36PW-M	RS-CH398N3KHP-TF-28PW-M
Imaging Device	1/3"		
Effective Pixels	2MP 1920(H)×1080(V)	4MP 2560(H)×1440 (V)	
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON		
Focal Length (Zoom Ratio)	2.8/3.6mm		
Angular Field of View	Horizontal:76°, Vertical：42°, Diagonal：89°	Horizontal: 75°, Vertical:41°, Diagonal: 88°	Horizontal:88 °, Vertical:48 °, Diagonal:105°
Min. Object Distance	2m/1.8m		
Lens Type	Fixed(M12)		
IR Viewable Length	Up to 30m		
Day & Night	IR cut filter with auto switch(Day/Night/Auto/Image/Schedule)		
Wide Dynamic Range	DWDR		
Digital Noise Reduction	3D DNR		
Motion Detection	Off/On (8 Level)		
White Balance	Auto/Manual		
Electronic Shutter Speed	1/5 ~ 1/20000s		
On-Board Storage	Micro SD slot, up to 256GB		
Alarm	NA		
Audio	Built-in microphone		
Hardware Reset	Yes		
Smart Feature	NA	SMD	
Ethernet	RJ45(10/100BASE-T)		
Video Compression Format	H.265/H.264		
Max.Resolution	2MP(1920x1080)@30fps	4MP(2560x1440)@30fps	
Video Quality Ajustment	128Kbps ~ 4Mbps		
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP		
Application Programming Interface	ONVIF(Profile S/G/T)		
Operating Conditions	-30～+55°C/less than ≤ 95% RH		
Ingress Protection	IP66		
Input Voltage / Current	D12V/PoE(IEEE802.3af)		
Power Consumption(IR OFF)	1.5W - 3W		
Power Consumption(IR ON)	3.5W - 5.5W		
Material	Plastic		

Day Night IPC 2/5MP ECO Varifocal Series

ND

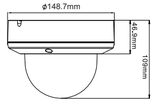


MCA

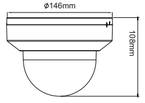
Model	RS-CH222M6ND-DF-A2812PW RS-CH322M6MCA-DF-A2812PW	RS-CH258M3ND-DF-A2812PW RS-CH358M3MCA-DF-A2812PW
Imaging Device	1/2.7"	
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	2.8-12mm	2.7-13.5mm
Angular Field of View	Horizontal: 106.6°-34.6°, Vertical:54.4°-19.5°, Diagonal: 132.9°-39.8°	Horizontal: 31-102°, Vertical: 23-73°, Diagonal: 38-138°
Min. Object Distance	1.2m（W/T）	0.3m~INF
Lens Type	Motorized(Ø14)	
IR Viewable Length	Up to 45m	
Day & Night	IR cut filter with auto switch（Day/Night/Auto/Image/Schedule）	
Wide Dynamic Range	DWDR	
Digital Noise Reduction	3D DNR	
Motion Detection	Off/On (8 Level)	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Alarm	1 input, 1 output	
Audio	1 input (RCA), 1 output (RCA)	
Hardware Reset	Yes	
Smart Feature	NA	
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	2MP(1920x1080)@30fps	5MP(2592x1944)@20fps
Video Quality Ajustment	128Kbps ~ 4Mbps	8Kbps ~ 8Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C/less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Power Consumption(IR OFF)	2.5W - 4W	
Power Consumption(IR ON)	6.5W - 9W	
Material	Metal	

Day Night IPC 2/5MP ECO Varifocal Series

FG

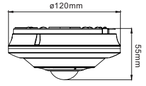


DB



Model	RS-CH622M6FG-DF-A2812PW RS-CH422M6DB-DF-A2812PW	RS-CH658M3FG-DF-A2812PW RS-CH458M3DB-DF-A2812PW
Imaging Device	1/2.7"	
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	2.8-12mm	2.7-13.5mm
Angular Field of View	Horizontal: 106.6°-34.6°, Vertical:54.4°-19.5°, Diagonal: 132.9°-39.8°	Horizontal: 31-102°, Vertical: 23-73°, Diagonal: 38-138°
Min. Object Distance	1.2m(W/T)	0.3m~INF
Lens Type	Motorized(Ø14)	
IR Viewable Length	Up to 30m	
Day & Night	IR cut filter with auto switch(Day/Night/Auto/Image/Schedule)	
Wide Dynamic Range	DWDR	
Digital Noise Reduction	3D DNR	
Motion Detection	Off/On (8 Level)	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Alarm	1 input, 1 output	
Audio	1 input (RCA), 1 output (RCA)	
Hardware Reset	Yes	
Smart Feature	NA	
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	2MP(1920x1080)@30fps	5MP(2592x1944)@20fps
Video Quality Ajustment	128Kbps ~ 4Mbps	8Kbps ~ 8Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C/less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Power Consumption(IR OFF)	2.5W - 4W	
Power Consumption(IR ON)	4.5W - 7W	
Material	Metal / Plastic	

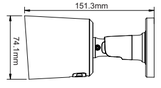
Day Night IPC



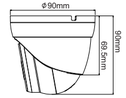
Model	RS-CH456M4CB-LW28PW-M	RS-CH728M4C-WA28PW	RS-CH442FEE-WA11PW
Imaging Device	1/2.7"	1/2.8"	1/2.8"
Effective Pixels	5MP 2880(H)x1620(V)	2MP 1920(H) x 1080(V)	9MP 3000(H)x3000(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON		
Focal Length (Zoom Ratio)	2.8mm	2.8mm	1.1mm
Angular Field of View	Horizontal: 110°, Vertical: 58°, Diagonal: 133°	Horizontal: 92°, Vertical: 48°, Diagonal: 115°	Horizontal:180°, Vertical: 180°, Diagonal: 180°
Min. Object Distance	1.8m	0.2m	0.3m
Lens Type	Fixed(M12)		
IR Viewable Length	Up to 20m	Up to 10m	Up to 5m
Day & Night	IR cut filter with auto switch(Day/Night/Auto/Image/Schedule)	Auto(ICR) / Color / B/W	IR cut filter with auto switch(Day/Night/Auto/Image/Schedule)
Wide Dynamic Range	WDR		
Digital Noise Reduction	3D DNR		
Motion Detection	Off/On (8 Level)		
White Balance	Auto/Manual		
Electronic Shutter Speed	1/5 ~ 1/20000s		
On-Board Storage	Micro SD slot, up to 256GB		
Alarm	NA		
Audio	Built-in microphone		
Hardware Reset	Yes		
Smart Feature	PID,LCD,SOD,CC,CD,QD,Heat MAP	NA	PID,LCD
Ethernet	RJ45(10/100BASE-T)		
Video Compression Format	H.265/H.264		
Max.Resolution	5MP(2880x1620)@30fps	2MP 1920(H) x 1080(V)@30fps	9MP 3000(H)x3000(V)@30fps
Video Quality Ajustment	8Kbps ~ 8Mbps	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP		
Application Programming Interface	ONVIF(Profile S/G/T)		
Operating Conditions	-30～+55°C/less than ≤ 95% RH		
Ingress Protection	IP66		
Input Voltage / Current	D12V/PoE(IEEE802.3af)		
Power Consumption(IR OFF)	2W - 4W	1.5W - 3.5W	2W - 5W
Power Consumption(IR ON)	3W - 5W	3W - 5.5W	4W - 5.5W
Material	Plastic/Metal	Plastic	Metal

Full color IPC 2/5/8MP AI Fixed Series

CR



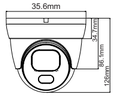
KRB



Model	RS-CH228M8CR-LTF-LFW36PW-M RS-CH328M8KRB-LTF-LFW36PW-M	RS-CH256N4CR-LTF-LFW36PW-M RS-CH356N4KRB-LTF-LFW36PW-M	RS-CH240N4CR-LTF-LFW36PW-M RS-CH340N4KRB-LTF-LFW36PW-M	RS-CH248N3CR-LTF-LF36PW-M RS-CH348N3KRB-LTF-LF36PW-M
Imaging Device	1/2.8"	1/2.7"	1/2.8"	1/2.7"
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2880(H)×1620(V)	8MP 3840(H)×2160(V)	
Min. Illumination	Color 0.0005 Lux @(F1.0, AGC ON)； B/W 0 lux @ IR ON			
Focal Length (Zoom Ratio)	3.6mm			
Angular Field of View	Horizontal:85°, Vertical：46°, Diagonal：100°	Horizontal: 88.3°,Vertical: 47.8°,Diagonal:104.7°	Horizontal: 85°, Vertical: 46°, Diagonal: 99.8°	Horizontal:88.01°,Vertical:47.53°,Diagonal:104.24°
Min. Object Distance	1m			
Lens Type	Fixed(M12)			
IR LED	2			
WarmLight	2			
IR Viewable Length	Up to 30m			
WarmLight Viewable Length	Up to 25m			
Wide Dynamic Range	WDR			
Image Setting	Full Color Mode/Day&Night Mode/Schedule			
White Balance	Auto/Manual			
Electronic Shutter Speed	1/5 ~ 1/20000s			
On-Board Storage	Micro SD slot, up to 256GB			
Alarm	NA			
Audio	Built-in microphone			
Hardware Reset	Yes			
Smart Feature	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD			PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD
Ethernet	RJ45(10/100BASE-T)			
Video Compression Format	H.265/H.264			
Max.Resolution	2MP(1920x1080)@60fps	5MP(2592x1944)@30fps	8MP(3840x2160)@30fps	8MP(3840x2160)@25fps
Video Quality Ajustment	128Kbps ~ 8Mbps	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps	
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP			
Application Programming Interface	ONVIF(Profile S/G/T)			
Operating Conditions	-30～+55°C / less than ≤ 95% RH			
Ingress Protection	IP66			
Input Voltage / Current	D12V/PoE(IEEE802.3af)			
Material	Metal			

Full color IPC 2/5/8MP AI Varifocal Series

MDA



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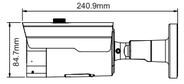
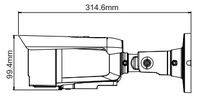


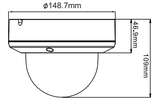
Model	RS-CH328M8MDA-LDF-LFWA2812PW RS-CH228M8NI-LDF-LFWA2812PW	RS-CH356N4MDA-LDF-LFWA2812PW RS-CH256N4NI-LDF-LFWA2812PW	RS-CH340N4MDA-LDF-LFWA2812PW RS-CH240N4NI-LDF-LFWA2812PW	RS-CH348N3MDA-LDF-LFA2812PW RS-CH248N3NI-LDF-LFA2812PW
Imaging Device	1/2.8"	1/2.7"	1/2.8"	1/2.7"
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2880(H)×1620(V)	8MP 3840(H)×2160(V)	
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON			
Focal Length (Zoom Ratio)	2.8-12mm			
Angular Field of View	Horizontal:107.4-34.2°, Vertical：56.2-19.2°，Diagonal：129.8-39.2°	H:112.6(W)-35.4(T)°，V：58.5(W)-20.0(T)°，D：138.0(W)-40.7(T)°	H:107(W)-34(T)°，V：56(W)-19(T)°，D：129(W)-39(T)°	Horizontal:113(W)-35.6(T)°, Vertical:58.8(W)-20.1(T)°, Diagonal:139.2(W)-40.9(T)°
Min. Object Distance	1.5m			
Lens Type	Ø16.7/F1.2			
IR LED	2 - 4			
WarmLight	2 - 4			
IR Viewable Length	Up to 30m-35m			
WarmLight Viewable Length	Up to 25m-30m			
Wide Dynamic Range	WDR			
Image Setting	Full Color Mode/Day&Night Mode/Schedule			
White Balance	Auto/Manual			
Electronic Shutter Speed	1/5 ~ 1/20000s			
On-Board Storage	Micro SD slot, up to 256GB			
Alarm	1 input, 1 output			
Audio	1 input (RCA), 1 output (RCA)			
Hardware Reset	Yes			
Smart Feature	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD			PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD
Ethernet	RJ45(10/100BASE-T)			
Video Compression Format	H.265/H.264			
Max.Resolution	2MP(1920x1080)@60fps	5MP(2592x1944)@30fps	8MP(3840x2160)@30fps	8MP(3840x2160)@25fps
Video Quality Ajustment	128Kbps ~ 8Mbps	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps	
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP			
Application Programming Interface	ONVIF(Profile S/G/T)			
Operating Conditions	-30～+55°C / less than ≤ 95% RH			
Ingress Protection	IP66			
Input Voltage / Current	D12V/PoE(IEEE802.3af)			
Material	Metal			

Full color IPC 2/5/8MP AI Varifocal Series

TA



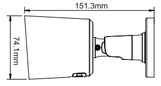
FG



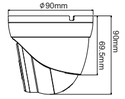
Model	RS-CH228M8TA-LDF-LFWA2812PW RS-CH628M8FG-LDF-FLWA2812PW	RS-CH256N4TA-LDF-LFWA2812PW RS-CH656N4FG-LDF-FLWA2812PW	RS-CH240N4TA-LDF-LFWA2812PW RS-CH640N4FG-LDF-FLWA2812PW	RS-CH648N3FG-LDF-FLWA2812PW
Imaging Device	1/2.8"	1/2.7"	1/2.8"	1/2.7"
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2880(H)×1620(V)	8MP 3840(H)×2160(V)	
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON			
Focal Length (Zoom Ratio)	2.8-12mm			
Angular Field of View	Horizontal:107.4-34.2°, Vertical：56.2-19.2°，Diagonal：129.8-39.2°	H:112.6(W)-35.4(T)°，V：58.5(W)-20.0(T)°，D：138.0(W)-40.7(T)°	H:107(W)-34(T)°，V：56(W)-19(T)°，D：129(W)-39(T)°	Horizontal:113(W)-35.6(T)°, Vertical:58.8(W)-20.1(T)°, Diagonal:139.2(W)-40.9(T)°
Min. Object Distance	1.5m			
Lens Type	Ø16.7/F1.2			
IR LED	2 - 4			
WarmLight	2 - 4			
IR Viewable Length	Up to 30m-35m			
WarmLight Viewable Length	Up to 25m-30m			
Wide Dynamic Range	WDR			
Image Setting	Full Color Mode/Day&Night Mode/Schedule			
White Balance	Auto/Manual			
Electronic Shutter Speed	1/5 ~ 1/20000s			
On-Board Storage	Micro SD slot, up to 256GB			
Alarm	1 input, 1 output			
Audio	1 input (RCA), 1 output (RCA)			
Hardware Reset	Yes			
Smart Feature	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD			PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD
Ethernet	RJ45(10/100BASE-T)			
Video Compression Format	H.265/H.264			
Max.Resolution	2MP(1920x1080)@60fps	5MP(2592x1944)@30fps	8MP(3840x2160)@30fps	8MP(3840x2160)@25fps
Video Quality Ajustment	128Kbps ~ 8Mbps	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps	
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP			
Application Programming Interface	ONVIF(Profile S/G/T)			
Operating Conditions	-30～+55°C / less than ≤ 95% RH			
Ingress Protection	IP66			
Input Voltage / Current	D12V/PoE(IEEE802.3af)			
Material	Metal			

Full color IPC 5/8MP Value AI WDR Fixed Series

CR



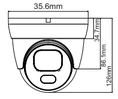
KRB



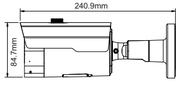
Model	RS-CH256M4CR-LTF-LFW36PW-M RS-CH356M4KRB-LTF-LFW36PW-M	RS-CH248M7CR-LTF-LF36PW-M RS-CH348N3KRB-LTF-LF36PW-M
Imaging Device	1/2.7"	
Effective Pixels	5MP 2880（H）x1620（V）	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.0005 Lux @（F1.0, AGC ON）； B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	3.6mm	
Angular Field of View	Horizontal: 88.3°, Vertical: 47.8°, Diagonal: 104.7°	Horizontal: 88.01°, Vertical: 47.53°, Diagonal:104.24°
Min. Object Distance	1m	
Lens Type	Fixed(M12)	
IR LED	2	
WarmLight	2	
IR Viewable Length	Up to 30m	
WarmLight Viewable Length	Up to 25m	
Wide Dynamic Range	WDR	
Image Setting	Full Color Mode/Day&Night Mode/Schedule	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Alarm	NA	
Audio	Built-in microphone	
Hardware Reset	Yes	
Smart Feature	PID,LCD,PD/VD,SOD,CC,CD,QD,HM	
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	5MP(2592x1944)@30fps	8MP(3840x2160)@20fps
Video Quality Ajustment	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C / less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Material	Metal	

Full color IPC 5/8MP Value AI Varifocal Series

MDA



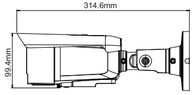
NI



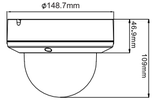
Model	RS-CH356M4MDA-LDF-LFWA2812PW RS-CH256M4NI-LDF-LFWA2812PW	RS-CH348M7MDA-LDF-LF2812PW-A RS-CH248M7NI-LDF-LF2812PW-A
Imaging Device	1/2.7"	
Effective Pixels	5MP 2880（H）x1620（V）	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	2.8-12mm	
Angular Field of View	Horizontal :112.6-35.4°,Vertical：58.5-20.0°,Diagonal：138.0-40.7°	Horizontal:113-35.6°, Vertical:58.8-20.1°, Diagonal:139.2-40.9°
Min. Object Distance	1.5m	
Lens Type	Ø16.7/F1.2	
IR LED	2 - 4	
WarmLight	2 - 4	
IR Viewable Length	Up to 30m-35m	
WarmLight Viewable Length	Up to 25m-30m	
Wide Dynamic Range	WDR	
Image Setting	Full Color Mode/Day&Night Mode/Schedule	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Alarm	1 input, 1 output	NA
Audio	1 input (RCA), 1 output (RCA)	
Hardware Reset	Yes	
Smart Feature	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	5MP(2592x1944)@30fps	8MP(3840x2160)@20fps
Video Quality Ajustment	128Kbps ~ 8Mbps	8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C / less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Material	Metal	

Full color IPC 5/8MP Value AI Varifocal Series

TA



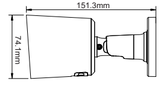
FG



Model	RS-CH256M4TA-LDF-LFWA2812PW RS-CH656M4FG-LDF-FLWA2812PW	RS-CH248M7TA-LDF-LF2812PW-A RS-CH648M7FG-LDF-FL2812PW-A
Imaging Device	1/2.7"	
Effective Pixels	5MP 2880（H）x1620（V）	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	2.8-12mm	
Angular Field of View	Horizontal :112.6-35.4°,Vertical：58.5-20.0°,Diagonal：138.0-40.7°	Horizontal:113-35.6°, Vertical:58.8-20.1°, Diagonal:139.2-40.9°
Min. Object Distance	1.5m	
Lens Type	Ø16.7/F1.2	
IR LED	2 - 4	
WarmLight	2 - 4	
IR Viewable Length	Up to 30m-35m	
WarmLight Viewable Length	Up to 25m-30m	
Wide Dynamic Range	WDR	
Image Setting	Full Color Mode/Day&Night Mode/Schedule	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Alarm	1 input, 1 output	NA
Audio	1 input (RCA), 1 output (RCA)	
Hardware Reset	Yes	
Smart Feature	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	5MP(2592x1944)@30fps	8MP(3840x2160)@20fps
Video Quality Ajustment	128Kbps ~ 8Mbps	8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C / less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Material	Metal	

Full color IPC 2MP ECO Fixed Series

CR



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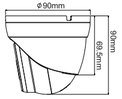

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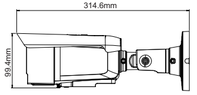
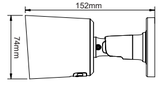


Model	RS-CH222M6CR-LTF-LF36PW-M RS-CH322M6KRB-LTF-LF36PW-M	RS-CH222M6TA-L-LF36PW-M
Imaging Device	1/2.7"	
Effective Pixels	2MP 1920(H)×1080(V)	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.0005 Lux @(F1.0, AGC ON)； B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	3.6mm	
Angular Field of View	Horizontal:88.88° , Vertical：48.25°, Diagonal：105.59°	
Min. Object Distance	1m	
Lens Type	Fixed(M12)	
IR LED	2	4
WarmLight	2	4
IR Viewable Length	Up to 30m	Up to 35m
WarmLight Viewable Length	Up to 25m	Up to 30m
Wide Dynamic Range	DWDR	
Image Setting	Full Color Mode/Day&Night Mode/Schedule	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Alarm	NA	
Audio	Built-in microphone	
Hardware Reset	Yes	
Smart Feature	NA	
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	2MP(1920x1080)@30fps	
Video Quality Ajustment	128Kbps ~ 4Mbps	
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF	
Operating Conditions	-30～+55°C / less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Material	Metal	

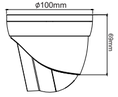
Active Deterrence Camera

Active Deterrence Series 2/5/8MP AI Fixed Series

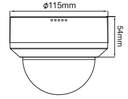
CY



KPB



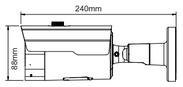
RL



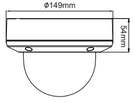
Model	RS-CH228M8CY-HALTF-LFW36PW RS-CH328M8KPB-HALTF-LFW36PW RS-CH628M8RL-HALTF-LFW36PW	RS-CH256N4CY-HALTF-LFW36PW RS-CH356N4KPB-HALTF-LFW36PW RS-CH656N4RL-HALTF-LFW36PW	RS-CH248N3CY-HALTF-LFW36PW RS-CH348N3KPB-HALTF-LFW36PW RS-CH648N3RL-HALTF-LFW36PW	RS-CH240N4CY-HALTF-LFW36PW RS-CH340N4KPB-HALTF-LFW36PW RS-CH640N4RL-HALTF-LFW36PW
Imaging Device	1/2.8"	1/2.7"	1/2.7"	1/2.8"
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2880(H)×1620(V)	8MP 3840(H)×2160(V)	
Min. Illumination	Color 0.002Lux@(F1.0, AGC ON); B/W 0 lux @ IR ON			
Focal Length (Zoom Ratio)	2.8-12mm			
Max. Aperture Ratio	F No. 1.0			
Angular Field of View	Horizontal:85°, Vertical:46°, Diagonal:100°	Horizontal:88.3°, Vertical:47.8°, Diagonal:104.7°	Horizontal: 85°, Vertical: 46°, Diagonal: 99.8°	Horizontal:88.01°, Vertical:47.53°, Diagonal:104.24°
Min. Object Distance	1m			
Lens Type	Fixed(M12)			
IR LED	1 - 2			
WarmLight	2			
Red Blue Light	2(1 Red&1 Blue)			
IR Viewable Length	Up to 25m			
WarmLight Viewable Length	Up to 25m			
Wide Dynamic Range	WDR			
Image Setting	Full Color Mode/Day&Night Mode/Schedule			
White Balance	Auto/Manual			
Electronic Shutter Speed	1/5 ~ 1/20000s			
On-Board Storage	Micro SD slot, up to 256GB			
Audio	Built-in microphone&Speaker			
Hardware Reset	Yes			
Smart Feature	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD		PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD
Ethernet	RJ45(10/100BASE-T)			
Video Compression Format	H.265/H.264			
Max.Resolution	1080P(1920x1080)@30fps	5MP(2880x1620)@30fps	8MP(3840*2160)@25fps	8MP(3840*2160)@30fps
Video Quality Ajustment	128Kbps ~ 8Mbps	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps	
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP			
Application Programming Interface	ONVIF(Profile S/G/T)			
Operating Conditions	-30～+55°C/less than ≤ 95% RH			
Ingress Protection	IP66			
Input Voltage / Current	D12V/PoE(IEEE802.3af)			
Material	Metal			

Active Deterrence Series 2/5/8MP AI Varifocal Series

NK



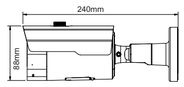
FP



Model	RS-CH228M8NK-HALDF-LFW2812PW RS-CH628M8FP-HALDF-LFW2812PW	RS-CH256N4NK-HALDF-LFW2812PW RS-CH656N4FP-HALDF-FLW2812PW	RS-CH248N3NK-HALDF-LFW2812PW RS-CH648N3FP-HALDF-FLW2812PW	RS-CH240N4NK-HALDF-LFW2812PW RS-CH640N4FP-HALDF-FLW2812PW
Imaging Device	1/2.8"	1/2.7"	1/2.7"	1/2.8"
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2880(H)×1620(V)	8MP 3840(H)×2160(V)	
Min. Illumination	Color 0.0005 Lux @(F1.0, AGC ON); B/W 0 lux @ IR ON			
Focal Length (Zoom Ratio)	3.6 mm			
Max. Aperture Ratio	F No. 1.2			
Angular Field of View	Horizontal:107.4(W)-34.2(T)° Vertical：56.2(W)-19.2(T)° Diagonal：129.8(W)-39.2(T)°	Horizontal:112.6(W)-35.4(T)° V：58.5(W)-20.0(T)° D：138.0(W)-40.7(T)°	Horizontal:107(W)-34(T)° V：56(W)-19(T)°, D：129(W)-39(T)°	Horizontal:113(W)-35.6(T)° Vertical:58.8(W)-20.1(T)° Diagonal:139.2(W)-40.9(T)°
Min. Object Distance	1m			
Lens Type	Ø16.7/F1.2			
IR LED/WarmLight	2 - 4			
Red Blue Light	2（1 Red&1 Blue）			
IR Viewable Length/ WarmLight Viewable Length	Up to 30m			
Wide Dynamic Range	WDR			
Image Setting	Full Color Mode/Day&Night Mode/Schedule			
White Balance	Auto/Manual			
Electronic Shutter Speed	1/5 ~ 1/20000s			
On-Board Storage	Micro SD slot, up to 256GB			
Audio	Built-in microphone&Speaker			
Hardware Reset	Yes			
Smart Feature	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD		PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD
Ethernet	RJ45(10/100BASE-T)			
Video Compression Format	H.265/H.264			
Max.Resolution	1080P(1920x1080)@30fps	5MP(2880x1620)@30fps	8MP(3840*2160)@25fps	8MP(3840*2160)@30fps
Video Quality Ajustment	128Kbps ~ 8Mbps	8Kbps ~ 8Mbps		8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP			
Application Programming Interface	ONVIF(Profile S/G/T)			
Operating Conditions	-30～+55°C/less than ≤ 95% RH			
Ingress Protection	IP66			
Input Voltage / Current	D12V/PoE(IEEE802.3af)			
Material	Metal			

Active Deterrence Series 4/8MP AI Fixed Series (1/1.8")

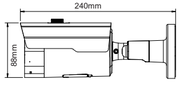
NK



Model	RS-CH296N4NK-HAL-LFW36PW	RS-CH248N4NK-HAL-LFW36PW
Imaging Device	1/1.8"	1/1.8"
Effective Pixels	4MP 2560(H)×1440(V)	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.0005Lux @(F1.0,AGC ON) ; B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	3.6mm	
Max. Aperture Ratio	F No. 1.0	
Angular Field of View	Horizontal:86°, Vertical：51°, Diagonal：118°	Horizontal: 85°, Vertical: 50°, Diagonal: 116°
Min. Object Distance	0.2m	
Lens Type	M16	
IR LED	4	
WarmLight	4	
Red Blue Light	2（1 Red&1 Blue）	
IR Viewable Length	Up to 30m	
WarmLight Viewable Length	Up to 25m	
Wide Dynamic Range	WDR	
Image Setting	Full Color Mode/Day&Night Mode/Schedule	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Audio	Built-in microphone&Speaker	
Hardware Reset	Yes	
Smart Feature	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	4MP 2560(H)×1440(V)@30fps	8MP(3840*2160)@25fps
Video Quality Ajustment	128Kbps ~ 8Mbps	128Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C/less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Material	Plastics/Metal	

Active Deterrence Series 4/8MP AI Varifocal Series(1/1.8")

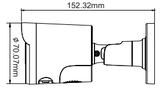
NK



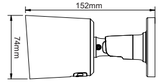
Model	RS-CH296N4NK-HALDF-LFW2812PW	RS-CH248N4NK-HALDF-LFW2812PW
Imaging Device	1/1.8"	1/1.8"
Effective Pixels	4MP 2560(H)×1440(V)	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON)； B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	2.8-12mm	
Max. Aperture Ratio	F No. 1.2	
Angular Field of View	H:115(W)-48(T)°, V:59(W)-27(T)°, D:141(W)-55(T)°	H:112(W)-47(T)°, V：58(W)-26(T)°, D：137(W)-54(T)°
Min. Object Distance	1.75M(W)-5.21M(T)	
Lens Type	Ø16.7	
IR LED	4	
WarmLight	4	
Red Blue Light	2（1 Red&1 Blue）	
IR Viewable Length	Up to 30m	
WarmLight Viewable Length	Up to 25m	
Wide Dynamic Range	WDR	
Image Setting	Full Color Mode/Day&Night Mode/Schedule	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Audio	Built-in microphone&Speaker	
Hardware Reset	Yes	
Smart Feature	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	4MP 2560(H)×1440(V)@30fps	8MP(3840*2160)@25fps
Video Quality Ajustment	128Kbps ~ 8Mbps	128Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C/less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Material	Plastics/Metal	

Active Deterrence Series 2/5/8MP Value AI Fixed Series

U



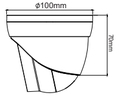
CY



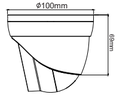
Model	RS-CH224N6CU-HALTF-LF36PW	RS-CH256M4CY-HALTF-LFW36PW	RS-CH248M7CY-HALTF-LFW36PW
Imaging Device	1/3"		1/2.7"
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2880（H）x1620（V）	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.0005 Lux @(F1.0, AGC ON)；B/W 0 lux @ IR ON		
Focal Length (Zoom Ratio)	3.6 mm		
Max. Aperture Ratio	F No. 1.0		
Angular Field of View	Horizontal: 80°, Vertical: 43°, Diagonal:94°	Horizontal: 88.3°, Vertical: 47.8°, Diagonal: 104.7°	Horizontal: 85°, Vertical: 46°, Diagonal: 99.8°
Min. Object Distance	1m		
Lens Type	Fixed(M12/F1.0)		
IR LED	1 - 2		
WarmLight	2		
Red Blue Light	2（1 Red&1 Blue）		
IR Viewable Length	Up to 25m		
WarmLight Viewable Length	Up to 25m		
Wide Dynamic Range	DWDR	WDR	
Image Setting	Full Color Mode/Day&Night Mode/Schedule		
White Balance	Auto/Manual		
Electronic Shutter Speed	1/5 ~ 1/20000s		
On-Board Storage	Micro SD slot, up to 256GB		
Audio	Built-in microphone&Speaker		
Hardware Reset	Yes		
Smart Feature	PID,LCD,PD/VD	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD
Ethernet	RJ45(10/100BASE-T)		
Video Compression Format	H.265/H.264		
Max.Resolution	1080P(1920x1080)@30fps	5MP(2880x1620)@30fps	8MP(3840*2160)@25fps
Video Quality Ajustment	128Kbps ~ 8Mbps	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP		
Application Programming Interface	ONVIF(Profile S/G/T)		
Operating Conditions	-30～+55°C/less than ≤ 95% RH		
Ingress Protection	IP66		
Input Voltage / Current	D12V/PoE(IEEE802.3af)		
Material	Plastics/Metal		

Active Deterrence Series 2/5/8MP Value AI Fixed Series

KMB



KPB



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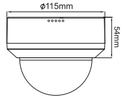
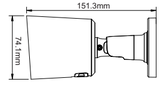


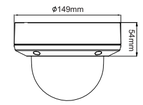
Model	RS-CH324N6KMB-HALTF-LF36PW RS-CH624N6RL-HALTF-LF36PW	RS-CH356M4KPB-HALTF-LFW36PW RS-CH656M4RL-HALTF-LFW36PW	RS-CH348M7KPB-HALTF-LFW36PW RS-CH648M7RL-HALTF-LFW36PW
Imaging Device	1/3"		1/2.7"
Effective Pixels	2MP 1920(H)×1080(V)	5MP 2880（H）x1620（V）	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.0005 Lux @(F1.0, AGC ON)；B/W 0 lux @ IR ON		
Focal Length (Zoom Ratio)	3.6 mm		
Max. Aperture Ratio	F No. 1.0		
Angular Field of View	Horizontal: 80°, Vertical: 43°, Diagonal:94°	Horizontal: 88.3°, Vertical: 47.8°, Diagonal: 104.7°	Horizontal: 85°, Vertical: 46°, Diagonal: 99.8°
Min. Object Distance	1m		
Lens Type	Fixed(M12/F1.0)		
IR LED	1 - 2		
WarmLight	2		
Red Blue Light	2（1 Red&1 Blue）		
IR Viewable Length	Up to 25m		
WarmLight Viewable Length	Up to 25m		
Wide Dynamic Range	DWDR	WDR	
Image Setting	Full Color Mode/Day&Night Mode/Schedule		
White Balance	Auto/Manual		
Electronic Shutter Speed	1/5 ~ 1/20000s		
On-Board Storage	Micro SD slot, up to 256GB		
Audio	Built-in microphone&Speaker		
Hardware Reset	Yes		
Smart Feature	PID,LCD,PD/VD	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD
Ethernet	RJ45(10/100BASE-T)		
Video Compression Format	H.265/H.264		
Max.Resolution	1080P(1920x1080)@30fps	5MP(2880x1620)@30fps	8MP(3840*2160)@25fps
Video Quality Ajustment	128Kbps ~ 8Mbps	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP		
Application Programming Interface	ONVIF(Profile S/G/T)		
Operating Conditions	-30～+55°C/less than ≤ 95% RH		
Ingress Protection	IP66		
Input Voltage / Current	D12V/PoE(IEEE802.3af)		
Material	Plastics/Metal		

Active Deterrence Series 5/8MP Value AI Varifocal Series

NK



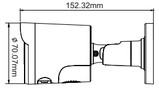
FP



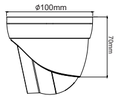
Model	RS-CH256M4NK-HALDF-LFW2812PW RS-CH656M4FP-HALDF-FLW2812PW	RS-CH248M7NK-HALDF-LFW2812PW RS-CH648M7FP-HALDF-FLW2812PW
Imaging Device	1/2.7"	
Effective Pixels	5MP 2880（H）x1620（V）	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.002Lux @(F1.2,AGC ON); B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	2.8-12mm	
Max. Aperture Ratio	F No. 1.2	
Angular Field of View	H:112.6(W)-35.4(T)°, V:58.5(W)-20.0(T)°, D:138.0(W)-40.7(T)°	H:107(W)-34(T)°, V:56(W)-19(T)°, D:129(W)-39(T)°
Min. Object Distance	1m	
Lens Type	Ø16.7/F1.2	
IR LED	2 - 4	
WarmLight	2 - 4	
Red Blue Light	2（1 Red&1 Blue）	
IR Viewable Length	Up to 30m	
WarmLight Viewable Length	Up to 30m	
Wide Dynamic Range	DWDR	
Image Setting	Full Color Mode/Day&Night Mode/Schedule	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Audio	Built-in microphone&Speaker	
Hardware Reset	Yes	
Smart Feature	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	5MP(2880x1620)@30fps	8MP(3840*2160)@25fps
Video Quality Ajustment	8Kbps ~ 8Mbps	8Kbps ~ 16Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C/less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Material	Plastics/Metal	

Active Deterrence Series 4/8MP ECO Fixed Series

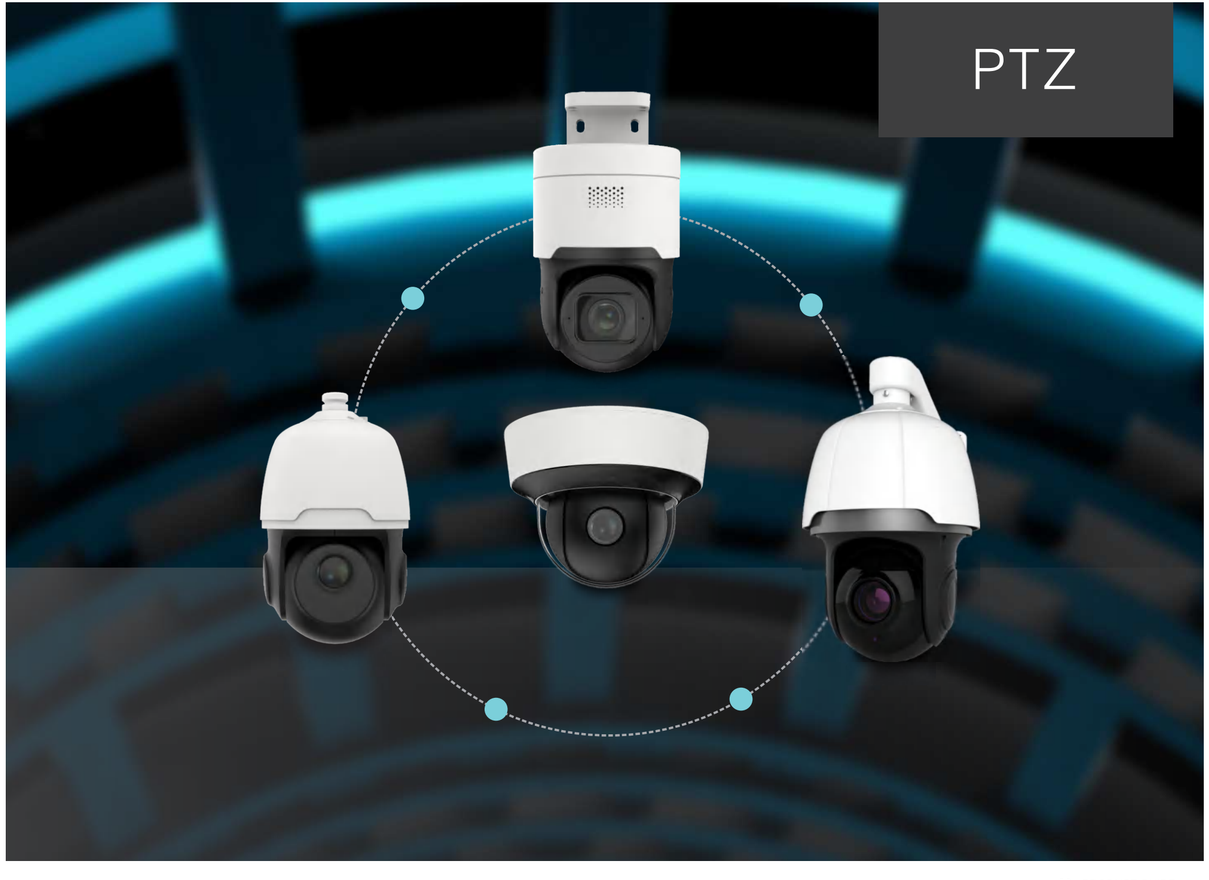
U



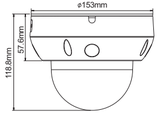
KMB



Model	RS-CH298N4CU-HALTF-LF36PW RS-CH398N4KMB-HALTF-LF36PW	RS-CH248N5CU-HALTF-LF36PW RS-CH348N5KMB-HALTF-LF36PW
Imaging Device	1/3"	1/2.7"
Effective Pixels	4MP 2560(H)×1440 (V)	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.0005 Lux @(F1.2,AGC ON); B/W 0 lux @ IR ON	
Focal Length (Zoom Ratio)	3.6mm	
Max. Aperture Ratio	F No. 1.0	
Angular Field of View	Horizontal: 81°, Vertical: 43°, Diagonal:95°	Horizontal: 88.01°, Vertical: 47.53°, Diagonal:104.24°
Min. Object Distance	1m	
Lens Type	Fixed(M12/F1.0)	
IR LED	1	
WarmLight	2	
Red Blue Light	2（1 Red&1 Blue）	
IR Viewable Length	Up to 25m	
WarmLight Viewable Length	Up to 25m	
Wide Dynamic Range	DWDR	
Image Setting	Full Color Mode/Day&Night Mode/Schedule	
White Balance	Auto/Manual	
Electronic Shutter Speed	1/5 ~ 1/20000s	
On-Board Storage	Micro SD slot, up to 256GB	
Audio	Built-in microphone&Speaker	
Hardware Reset	Yes	
Smart Feature	PID,LCD,PD/VD	
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264	
Max.Resolution	4MP（2560x1440)@30fps	8MP(3840x2160)@15-20fps
Video Quality Ajustment	128Kbps ~ 4Mbps	8Kbps ~ 8Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP	
Application Programming Interface	ONVIF(Profile S/G/T)	
Operating Conditions	-30～+55°C/less than ≤ 95% RH	
Ingress Protection	IP66	
Input Voltage / Current	D12V/PoE(IEEE802.3af)	
Material	Metal	

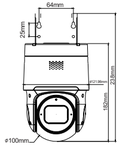


PTZ 4" Network 4MP PTZ



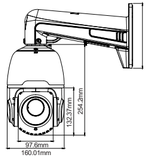
Model	RS-CH896N4P-DF-LWA2812PW
Image Sensor	1/1.8", 4MP
Effective Pixels	2560 * 1440
Signal System	PAL/NTSC
Focal Length	F1.3 - F2.15, 2.8 ~ 12mm, 4 × Optical
Angle of View	H:112.1° V:47.5°
Minimum Illumination	Color：0.05Lux @ (F1.3, AGC ON) ; B&W：0.005Lux @ (F1.3, AGC ON) 0 Lux with IR
White Balance	Auto/ Manual/ Indoor
AGC	Auto/ Manual
BLC	ON/ OFF
WDR	120 DB
Shutter Time	1/5 - 1/20000
Day& Night	Image Mode
Compression	H.264/H.265
Transmision	Triple Streaming
Audio Input/Output	Built-in microphone/speaker
Ethernet	10/100Mbps ethernet interface with POE
Storage	Built-in memory card slot
IR Leds	4 Pcs
IR Distance	Max. 20 Meters
Pan Range	0°~ 350°
Pan Speed	Configurable, from 0.1°~60°/s
Tilt Range	0°~ 80°
Tilt Speed	Configurable, from 0.1°~60°/s
Preset	255
Preset Speed	Max. 60°/sec
Water Proof	IP66
Protection Level	IK 10
Working Temperature/Humidity	-20～+60°C, < 90%(outdoor)
Power Supply	DC 12V/PoE

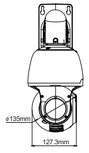
PTZ 4" Network 8MP PTZ



Model	RS-CH848N3E-TA-2812PW
Image Sensor	1/2.7", 8MP
Effective Pixels	3840 * 2160
Signal System	PAL/NTSC
Focal Length	F1.86 - F3.32, 2.8 ~ 12mm, 4 x Optical
Angle of View	H:65.7°, V:90.8°, D:120°
Minimum Illumination	Color：0.05Lux @ (F1.86, AGC ON) ; B&W：0.005Lux @ (F1.86, AGC ON) 0 Lux with IR
White Balance	Auto/ Manual/ Indoor
AGC	Auto/ Manual
BLC	ON/ OFF
WDR	120 DB
Shutter Time	1/5 - 1/20000
Day& Night	Image Mode
Compression	H.264/H.265
Transmision	Triple Streaming
Audio Input/Output	Built-in microphone/speaker
Enforcer Light	Support
Ethernet	10/100Mbps ethernet interface with POE
Storage	Built-in memory card slot
IR Leds	4 Pcs
IR Distance	Max. 50 Meters
Pan Range	0°~ 355°
Pan Speed	Configurable, from 0.1°~60°/s
Tilt Range	0°~ 90°
Tilt Speed	Configurable, from 0.1°~60°/s
Preset	255
Preset Speed	Max. 60°/sec
Water Proof	IP66
Working Temperature/Humidity	-20～+60°C, < 90%(outdoor)
Power Supply	DC 12V/PoE

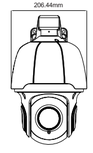
PTZ 5" Network 2MP PTZ

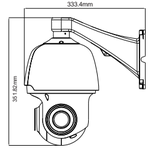




Model	RS-CH881N4D18-AP	RS-CH821N4D25-AP
Image Sensor	1/2.7", 2MP	
Effective Pixels	1920 * 1080	
Focal Length	F1.78 - F2.86, 5.0 ~ 90mm, 18 × Optical	F1.5-F3.8, 5.0mm -125mm, 25 × Optical
Angle of View	53.3 ~ 3.8 degree(Wide~Tele)	56.9 ~ 2.9 degree(Wide~Tele)
Minimum Illumination	Color：0.05Lux @ (F1.78, AGC ON) ; B&W：0.005Lux @ (F1.78, AGC ON) 0 Lux with IR	
White Balance	Auto/ Manual/ Indoor	
WDR	120DB	
Shutter Time	1/5 - 1/20000	
Day& Night	Auto Switch	
Compression	H.264/H.265	
Video Output	1 Output : CVBS(BNC Type)	
Audio Input/Output	1 Line-In/1 Line-Out	
Input/Output	1 Input/1 Output	
Ethernet	10/100Mbps ethernet interface	
Rs485 interface	Control by Joystick controller(Only used PTZ function)	
Storage	Built-in memory card slot	
IR Leds	6 Pcs	
IR Distance	Max. 100 Meters	
Pan Range	0°~ 360°, endless	
Pan Speed	Configurable, from 0.6°~80°/s	
Tilt Range	-10°~ 95°	
Tilt Speed	Configurable, from 0.6°~80°/s	
Preset	255	
Preset Speed	Max. 120°/sec	
Tour	Support	
Pattern	4 Patterns	
Scan	1 Scans	
Water Proof	IP66	
Working Temperature/Humidity	-20～+60°C, < 90%(outdoor)	
Power Supply	DC 12V/PoE+	

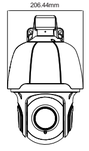
PTZ 7" Network 2MP PTZ

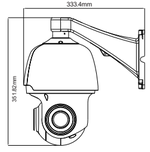




Model	RS-CH821N4C25-AP
Image Sensor	1/2.7" Progressive Scan CMOS
Effective Pixels	1920 * 1080
Focal Length	F1.5 ~ F3.8 , 5.0mm -125mm, 25X Optical Zoom
Angle of View	56.9~ 2.9 degree (Wide~Tele)
Minimum Illumination	AGC On: Color: 0.5 lux, B/W: 0.05 lux, 0 lux with IR
White Balance	Auto/ Manual/ Indoor
WDR	120DB
Shutter Time	1/5 - 1/20000
Day& Night	IR cut filter with auto switch
Compression	Main Stream : H.264/H.265
Video Output	1 Output : CVBS(BNC Type)
Resolution	30fps@1920*1080 ~ 30fps@320*240
Audio Input/Output	1 Line-In/1 Line-Out
Input/Output	1 Input/1 Output
Ethernet	10/100Mbps ethernet interface
Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,PPPoE,SMTP,NTP,UPnP,SNMP,HTTPS,FTP
Rs485 Interface	Control by Joystick controller(Only used PTZ function)
IR irradiation distance	150M
IR Diming function	Adjustable by zoom
Pan Range	360°endless
Tilt Range	-10°~90° (Auto Flip)
Pan Speed / Tilt Speed	0.6°~200°/s, Speed available / 0.6°~100°/s, Speed available
Preset	255
Preset Speed	Max.200°/sec
Tour	4 Tours/8 preset each
Pattern	4 Patterns
Scan	1 Scans
Water Proof	IP66
Working Temperature/Humidity	-30～+60°C, < 90%(outdoor)
Power Supply	AC 24V/DC 12V/PoE

PTZ 7" Network 5MP PTZ

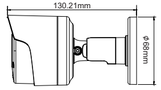




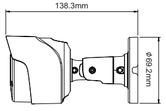
Model	RS-CH852H7C33-AP
Image Sensor	1/2.7", 5MP
Max. Resolution	2592(H)×1944(V)
Shutter Time	1/5 ~ 1/20000s
Min. Illumination	AGC On: Color: 0.5 lux, B/W : 0.05 lux, 0 lux with IR
Focal Length	F1.6-F4.3, 4.3-141.9mm, 33 × Optical
Horizontal Field of View	59 ~ 2.4 degree(Wide~Tele)
Movement Range(Pan)	360°endless
Movement Range(Tilt)	-10°~90°(Auto Flip)
Preset Speed	200°/S
Preset Positions	255
Pan Speed / Tilt Speed	0.6°~200°/S, 0.6°~100°/S
Watch Points	255
Auto Cruise	1
Tour	4
Line scan	1
Pattern scan	4
Video Compression	H.264&H.265
Day & Night	Auto/Color/B&W/Schedule
WDR	Support
White Balance	Auto/Manual/Outdoor
Intelligent	PID/LCD/SOD/PD&VD/FD/CC/SOD
Network Interface	10/100Mbps ethernet interface
Network Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,PPPoE,SMTP,NTP,UPnP,SNMP,HTTPS,FTP,
Audio Input/Output	1 Line-in/Line-out
Alarm Input/Output	1 Input/Output
CVBS	Support
SD Record	Max. 128G
RS485	1
Power Supply	AC24/DC12V/PoE+
Working Temperature/Humidity	-30～+60°C, < 90%(outdoor)
Water Proof	IP66

HD Camera 2/5/8MP AOC Fixed Series

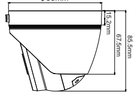
UG



CG



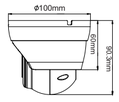
KHP



Model	RS-CA224TUG-36W-M RS-CA224TCG-36W-M RS-CA324TKHP-28W-M	RS-CA258TUG-36W-M RS-CA258TCG-L36W-M RS-CA358TKHP-28W-M	RS-CA248T1UG-36W-M RS-CA248T1CG-L36W-M RS-CA348T1KHP-28W-M
Imaging Device	1/3" Progressive CMOS	1/2.7" Progressive CMOS	1/2.7" Progressive CMOS
Scanning System	Progressive	Internal	Progressive
Min. Illumination	0.05lux@F1.2(AGC ON),0Lux with IR ON		
Video Output	BNC		
Resolution	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)
Max. Framerate	AHD/TVI/CVI: P/@25fps, N/@30fps, CVBS: 960H	5AHD/5TVI: 5MP@20fps, 4AHD/4CVI/4TVI: P@25fps, N@30fps, CVBS: 960H	AHD/TVI/CVI: 8MP@15fps, TVI/CVI:8MP@12.5fps, CVBS: 960H
Max. Aperture Ratio	F1.6/F2.2		
Lens Type/ Focal Length	Fixed lens /2.8mm/3.6mm		
Audio	Audio over coaxial		
Audio Range	7m		
IR Distance	20m		
On Screen Display	English		
Day & Night	Ext / Color / B/W		
Backlight Compensation	Off / User BLC		GLOBAL / BLC
Wide Dynamic Range	D-WDR (Off/On)	N/A	
Digital Noise Reduction	2D DNR		
Gain Control	Auto		HIGH
White Balance	ATW		
Electronic Shutter Speed	Auto		
Reverse	Mirror		
Video Transmission Distance	MAX 300M (Cable : 5C 2V)		
Operating Temperature / Humidity	-30°C ~ 55°C / 90%		
Ingress Protection	IP66		
Input Voltage/Current	12V DC		
Power Consumption	IR OFF ≤ 0.8W, IR ON ≤ 4W		
Material	Metal/Plastic		

HD Camera 2/5/8MP AOC Fixed Series

KA



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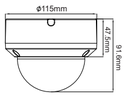
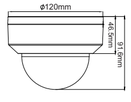


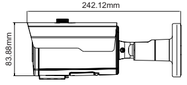
DC



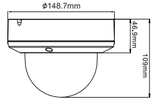
Model	RS-CA324TKA-28W-M RS-CA624TRB-28W RS-CA424TDC-28W	RS-CA358TKA-L28W-M RS-CA658TRB-L28W RS-CA458TDC-28W	RS-CA348T1KA-L28W-M RS-CA648T1RB-L28W RS-CA448T1DC-28W
Imaging Device	1/3" Progressive CMOS	1/2.7" Progressive CMOS	1/2.7" Progressive CMOS
Scanning System	Progressive	Internal	Progressive
Min. Illumination	0.05lux@F1.2(AGC ON),0Lux with IR ON		
Video Output	BNC		
Resolution	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)
Max. Framerate	AHD/TVI/CVI: P/@25fps, N/@30fps, CVBS: 960H	5AHD/5TVI: 5MP@20fps, 4AHD/4CVI/4TVI: P@25fps, N@30fps, CVBS: 960H	AHD/TVI/CVI: 8MP@15fps, TVI/CVI:8MP@12.5fps, CVBS: 960H
Max. Aperture Ratio	F1.6/F2.2		
Lens Type/ Focal Length	Fixed lens /2.8mm		
Audio	Audio over coaxial/NA		
Audio Range	7m/NA		
IR Distance	20m		
On Screen Display	English		
Day & Night	Ext / Color / B/W		
Backlight Compensation	Off / User BLC		GLOBAL / BLC
Wide Dynamic Range	D-WDR (Off/On)	N/A	
Digital Noise Reduction	2D DNR		
Gain Control	Auto		HIGH
White Balance	ATW		
Electronic Shutter Speed	Auto		
Reverse	Mirror		
Video Transmission Distance	MAX 300M (Cable : 5C 2V)		
Operating Temperature / Humidity	-30°C ~ 55°C / 90%		
Ingress Protection	IP66		
Input Voltage/Current	12V DC		
Power Consumption	IR OFF ≤ 1W, IR ON ≤ 4W		
Material	Metal/Plastic		

HD Camera 2/5/8MP AOC Varifocal Series

ND



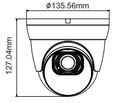
FG



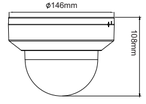
Model	RS-CA224TND-2812W-M RS-CA624TFG-2812W	RS-CA258TND-2812W-M RS-CA658TFG-2812W	RS-CA248T1ND-2812W-M RS-CA648T1FG-2812W
Imaging Device	1/3" Progressive CMOS	1/2.7" Progressive CMOS	1/2.7" Progressive CMOS
Scanning System	Progressive	Internal	Progressive
Min. Illumination	0.05lux@F1.2(AGC ON),0Lux with IR ON		
Video Output	BNC		
Resolution	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)
Max. Framerate	AHD/TVI/CVI: P/@25fps, NI@30fps, CVBS: 960H	5AHD/5TVI: 5MP@20fps, 4AHD/4CVI/4TVI: P@25fps, N@30fps, CVBS: 960H	AHD/TVI/CVI: 8MP@15fps, TVI/CVI:8MP@12.5fps, CVBS: 960H
Max. Aperture Ratio	F1.8-3.3		
Lens Type/ Focal Length	Motorized lens / 2.8-12mm		
Audio	Audio over coaxial/NA		
Audio Range	7m/NA		
IR Distance	35m		
On Screen Display	English		
Day & Night	Ext / Color / B/W		
Backlight Compensation	Off / User BLC		
Wide Dynamic Range	D-WDR (Off/On)	N/A	
Digital Noise Reduction	2D DNR		
Gain Control	Auto		HIGH
White Balance	ATW		
Electronic Shutter Speed	Auto		
Reverse	Mirror		
Video Transmission Distance	MAX 300M (Cable : 5C 2V)		
Operating Temperature / Humidity	-30°C ~ 55°C / 90%		
Ingress Protection	IP66		
Input Voltage/Current	12V DC		
Power Consumption	IR OFF ≤ 1W, IR ON ≤ 4W		
Material	Metal		

HD Camera 2/5/8MP AOC Varifocal Series

MCA



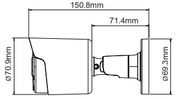
DB



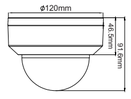
Model	RS-CA324TMCA-2812W RS-CA424TDB-2812W	RS-CA358TMCA-2812W RS-CA458TDB-2812W	RS-CA348T1MCA-2812W RS-CA448T1DB-2812W
Imaging Device	1/3" Progressive CMOS	1/2.7" Progressive CMOS	1/2.7" Progressive CMOS
Scanning System	Progressive	Internal	Progressive
Min. Illumination	0.05lux@F1.2(AGC ON),0Lux with IR ON		
Video Output	BNC		
Resolution	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)
Max. Framerate	AHD/TVI/CVI: P/@25fps, NI@30fps, CVBS: 960H	5AHD/5TVI: 5MP@20fps, 4AHD/4CVI/4TVI: P@25fps, N@30fps, CVBS: 960H	AHD/TVI/CVI: 8MP@15fps, TVI/CVI:8MP@12.5fps, CVBS: 960H
Max. Aperture Ratio	F1.8-3.3		
Lens Type/ Focal Length	Motorized lens / 2.8-12mm		
Audio	NA		
Audio Range	NA		
IR Distance	35m		
On Screen Display	English		
Day & Night	Ext / Color / B/W		
Backlight Compensation	Off / User BLC		
Wide Dynamic Range	D-WDR (Off/On)	N/A	
Digital Noise Reduction	2D DNR		
Gain Control	Auto		HIGH
White Balance	ATW		
Electronic Shutter Speed	Auto		
Reverse	Mirror		
Video Transmission Distance	MAX 300M (Cable : 5C 2V)		
Operating Temperature / Humidity	-30°C ~ 55°C / 90%		
Ingress Protection	IP66		
Input Voltage/Current	12V DC		
Power Consumption	IR OFF ≤ 1W, IR ON ≤ 4W		
Material	Metal		

HD Camera 2/5/8MP WDR Fixed Series

CK



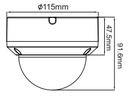
DC



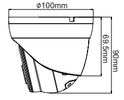
Model	RS-CA221FCK-LWC36W-OTZ RS-CA421FDC-LWC36W-OTZ	RS-CA251FCK-LW36W-OTZ RS-CA451FDC-LW36W-OTZ	RS-CA248FCK-LW36W-OTZ RS-CA448FDC-LW36W-OTZ
Imaging Device	1/2.8" Progressive CMOS	1/2.8" Progressive CMOS	1/2.7" Progressive CMOS
Scanning System	Progressive	Internal	
Min. Illumination	0.05lux@F1.2(AGC ON),0Lux with IR ON		
Video Output	BNC		
Resolution	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)
Max. Framerate	AHD/TVI/CVI: P/@25fps, NI@30fps, CVBS: 960H	5AHD/5TVI: 5MP@20fps, 4AHD/4CVI/4TVI: P@25fps, 4MP/N@30fps, CVBS: 960H	AHD/TVI/CVI: 8MP@15fps, TVI/CVI:8MP@12.5fps, CVBS: 960H
Max. Aperture Ratio	F1.6/F2.2		
Lens Type/ Focal Length	Fixed Lens/2.8mm/3.6mm		
Audio	N/A		
Audio Range	N/A		
IR Distance	20m - 30m		
On Screen Display	English		
Day & Night	Ext / Color / B/W		
Backlight Compensation	Off / User BLC		
Wide Dynamic Range	WDR (Off/On)		
Digital Noise Reduction	3D DNR		
Gain Control	Auto		
White Balance	ATW		
Electronic Shutter Speed	Auto		
Reverse	Mirror		
Video Transmission Distance	MAX 300M (Cable : 5C 2V)		
Operating Temperature / Humidity	-30°C ~ 55°C / 90%		
Ingress Protection	IP66		
Input Voltage/Current	12V DC		
Power Consumption	IR OFF ≤ 2W, IR ON ≤ 4W		
Material	Metal/Plastic		

HD Camera 2/5/8MP WDR Fixed Series

RB



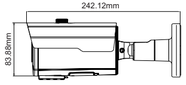
KGB



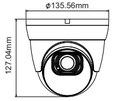
Model	RS-CA621FRB-LWC28W-OTZ RS-CA321FKGB-LWC28W-OTZ	RS-CA651FRB-LW28W-OTZ RS-CA351FKGB-LW28W-OTZ	RS-CA648FRB-LW28W-OTZ RS-CA348FKGB-LW28W-OTZ
Imaging Device	1/2.8" Progressive CMOS	1/2.8" Progressive CMOS	1/2.7" Progressive CMOS
Scanning System	Progressive	Internal	
Min. Illumination	0.05lux@F1.2(AGC ON),0Lux with IR ON		
Video Output	BNC		
Resolution	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)
Max. Framerate	AHD/TVI/CVI: P/@25fps, NI@30fps, CVBS: 960H	5AHD/5TVI: 5MP@20fps, 4AHD/4CVI/4TVI: P@25fps, 4MP/N@30fps, CVBS: 960H	AHD/TVI/CVI: 8MP@15fps, TVI/CVI:8MP@12.5fps, CVBS: 960H
Max. Aperture Ratio	F1.6/F2.2		
Lens Type/ Focal Length	Fixed lens/2.8mm/3.6mm		
Audio	N/A		
Audio Range	N/A		
IR Distance	20m - 30m		
On Screen Display	English		
Day & Night	Ext / Color / B/W		
Backlight Compensation	Off / User BLC		
Wide Dynamic Range	WDR (Off/On)		
Digital Noise Reduction	3D DNR		
Gain Control	Auto		
White Balance	ATW		
Electronic Shutter Speed	Auto		
Reverse	Mirror		
Video Transmission Distance	MAX 300M (Cable : 5C 2V)		
Operating Temperature / Humidity	-30°C ~ 55°C / 90%		
Ingress Protection	IP66		
Input Voltage/Current	12V DC		
Power Consumption	IR OFF ≤ 2W, IR ON ≤ 4W		
Material	Metal		

HD Camera 2/5/8MP WDR Varifocal Series

ND



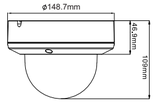
MCA



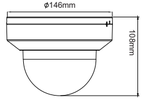
Model	RS-CA221FND-DF-WC2812W-OTZ RS-CA321FMCA-WC2812W-OTZ	RS-CA251FND-DF-W2812W-OTZ RS-CA351FMCA-W2812W-OTZ	RS-CA248FND-DF-W2812W-OTZ RS-CA348FMCA-W2812W-OTZ
Imaging Device	1/2.8" Progressive CMOS		1/2.7" Progressive CMOS
Scanning System	Progressive	Internal	
Min. Illumination	0.05lux@F1.2(AGC ON),0Lux with IR ON		
Video Output	BNC		
Resolution	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)
Max. Framerate	AHD/TVI/CVI: P/@25fps, NI@30fps, CVBS: 960H	5AHD/5TVI: 5MP@20fps, 4AHD/4CVI/4TVI: P@25fps, 4MP/N@30fps, CVBS: 960H	AHD/TVI/CVI: 8MP@15fps, TVI/CVI:8MP@12.5fps, CVBS: 960H
Max. Aperture Ratio	F1.8-3.3		
Lens Type/ Focal Length	Motorized lens / 2.8-12mm	Motorized lens/2.7-13.5mm	
Audio	N/A		
Audio Range	N/A		
IR Distance	35m		
On Screen Display	English		
Day & Night	Ext / Color / B/W		
Backlight Compensation	Off / User BLC		
Wide Dynamic Range	WDR (Off/On)		
Digital Noise Reduction	3D DNR		
Gain Control	Auto		
White Balance	ATW		
Electronic Shutter Speed	Auto		
Reverse	Mirror		
Video Transmission Distance	MAX 300M (Cable : 5C 2V)		
Operating Temperature / Humidity	-30°C ~ 55°C / 90%		
Ingress Protection	IP66		
Input Voltage/Current	12V DC		
Power Consumption	IR OFF ≤ 2W, IR ON ≤ 6.5W		
Material	Metal		

HD Camera 2/5/8MP WDR Varifocal Series

FG



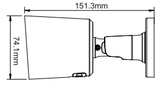
DB



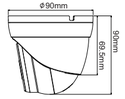
Model	RS-CA621FFG-DF-WC2812W-OTZ RS-CA421FDB-DF-WC2812W-OTZ	RS-CA651FFG-DF-W2812W-OTZ RS-CA451FDB-DF-W2812W-OTZ	RS-CA648FFG-DF-W2812W-OTZ RS-CA448FDB-DF-W2812W-OTZ
Imaging Device	1/2.8" Progressive CMOS		1/2.7" Progressive CMOS
Scanning System	Progressive	Internal	
Min. Illumination	0.05lux@F1.2(AGC ON),0Lux with IR ON		
Video Output	BNC		
Resolution	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)
Max. Framerate	AHD/TVI/CVI: P/@25fps, NI@30fps, CVBS: 960H	5AHD/5TVI: 5MP@20fps, 4AHD/4CVI/4TVI: P@25fps, 4MP/N@30fps, CVBS: 960H	AHD/TVI/CVI: 8MP@15fps, TVI/CVI:8MP@12.5fps, CVBS: 960H
Max. Aperture Ratio	F1.8-3.3		
Lens Type/ Focal Length	Motorized lens / 2.8-12mm	Motorized lens/2.7-13.5mm	
Audio	N/A		
Audio Range	N/A		
IR Distance	30-35m		
On Screen Display	English		
Day & Night	Ext / Color / B/W		
Backlight Compensation	Off / User BLC		
Wide Dynamic Range	WDR (Off/On)		
Digital Noise Reduction	3D DNR		
Gain Control	Auto		
White Balance	ATW		
Electronic Shutter Speed	Auto		
Reverse	Mirror		
Video Transmission Distance	MAX 300M (Cable : 5C 2V)		
Operating Temperature / Humidity	-30°C ~ 55°C / 90%		
Ingress Protection	IP66		
Input Voltage/Current	12V DC		
Power Consumption	IR OFF ≤ 2W, IR ON ≤ 6.5W		
Material	Metal/Plastic		

HD Camera 2/5/8MP Full Color Series

CR

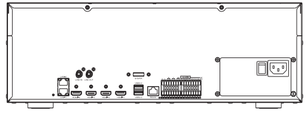


KRB



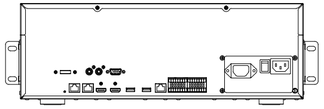
Model	RS-CA224TCR-L-LF36W-M RS-CA324TKRB-L-LF28W-M	RS-CA258TCR-L-LF36W-M RS-CA358TKRB-L-LF28W-M	RS-CA248T1CR-L-LF36W-M RS-CA348T1KRB-L-LF28W-M
Imaging Device	1/3" Progressive CMOS	1/2.7" Progressive CMOS	
Scanning System	Progressive		
Min. Illumination	0.05lux@F1.2(AGC ON),0Lux with IR ON		
Video Output	BNC		
Resolution	2MP 1920(H)×1080(V)	5MP 2592(H)×1944(V)	8MP 3840(H)×2160(V)
Max. Framerate	AHD/TVI/CVI: P/@25fps, N/@30fps, CVBS: 960H	5AHD/5TVI: 5MP@20fps, 4AHD/4CVI/4TVI: P@25fps, N@30fps, CVBS: 960H	AHD/TVI/CVI: 8MP@15fps, TVI/CVI:8MP@12.5fps, CVBS: 960H
Max. Aperture Ratio	F1.0		
Lens Type/ Focal Length	Motorized lens / 2.8mm / 3.6mm		
Audio	Audio over coaxial		
Audio Range	7m		
IR Distance/ Warm Light Viewable Length	20-30m		
On Screen Display	English		
Day & Night	Color / Ext / B/W		
Backlight Compensation	Off / User BLC		
Wide Dynamic Range	D-WDR (Off/On)		
Digital Noise Reduction	2D DNR		
Gain Control	Auto		
White Balance	ATW		
Electronic Shutter Speed	Auto		
Reverse	Mirror		
Video Transmission Distance	MAX 300M （ Cable : 5C 2V）		
Operating Temperature / Humidity	-30°C ~ 55°C / 90%		
Ingress Protection	IP66		
Input Voltage/Current	12V DC		
Power Consumption	IR OFF ≤ 0.5W, IR ON ≤ 3.5W		
Material	Metal		

NVR Ultra Series



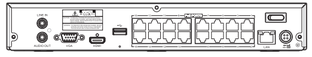
Model	RS-N10128OD-E4HL / RS-N1064OD-E4HL
Video Resolution	8MP, 5MP, 3MP, 2MP(1080P),1.3MP(960P),1.0MP(720P)
Recording Bandwidth Inputs	≥768M
Recording Bandwidth Out	≥768M
Compression	Audio: G.711a; Video: H.264/H.265
Frame Rate	4K: 240fps; 4MP: 480fps; 2MP: 960fps
AI	FD,PD,VD,CC,HM,CDD,PID,LCD,QLD,LPD,RSD
Event	MD(Sensitivity Level 1~8) Videlo loss Beep, Email, Push notification to Mobile APP
Playback Function	Fast forward / backward (2x, 4x, 8x,16x)；Slow forward (1/2x, 1/4x, 1/8x, 1/16x)
Playback	Max 16CH playback
Fisheye	Use Web CMS, Local
P/W Reset	Factory Reset : Press 10 seconds
HDMI	4(4K+4K+4K+2K) 1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID）
PoE	N/A
Ethernet	2 RJ45 1000 Base-T
USB	USB2.0*1(front); USB3.0*2+(rear)
Audio Out	1
E-sata	1
HDD	16 SATA HDD, up to 12TB, Hot Swap
Line In	1
RS485	1
RS232	1
Alarm Input/Out	16 in / 4 out
Dimension (WxDxH)	440*460*149mm
Input Voltage/Current	250W
Power Consumption(excluding hard disk)	≤20W
Operating Temperature/Humidity	Temperature: 0°C~+40°C (32°F ~ 104°F) ;Humidity: Less than 90%RH

NVR Pro Series



Model	RS-N5064OD-EHL
Video Resolution	8MP, 5MP, 3MP, 2MP(1080P),1.3MP(960P),1.0MP(720P)
Recording Bandwidth Inputs	640M
Recording Bandwidth Out	640M
Compression	Audio: G.711a ; Video: H.264/H.265
Frame Rate	4K: 120fps; 4MP: 240fps; 2MP: 480fps
AI	FD,PD,VD,CC,HM,CDD,PID,LCD,QLD,LPD,RSD
Event	MD(Sensitivity Level 1~8) Videlo loss Beep, Email, Push notification to Mobile APP
Playback Function	Fast forward / backward (2x, 4x, 8x,16x)：Slow forward (1/2x, 1/4x, 1/8x, 1/16x)
Playback	Max 8CH playback
Fisheye	Use Web CMS, Local
P/W Reset	Factory Reset : Press 10 seconds
VGA	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 ）
HDMI	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID）
Ethernet	2 RJ45 100/1000 Base-T
USB	USB2.0*1(front); USB2.0*1+(rear); USB3.0*1+(rear)
Audio Out	1
E-sata	1 optional, not supported by default
HDD	16 SATA HDD, each HDD up to 10TB
Line In	1
RS485	1
RS232	1
Alarm Input/Out	16 in /4 out optional
Dimension (WxDxH)	400X460X149mm
Input Voltage/Current	250W
Power Consumption(excluding hard disk)	15W
Operating Temperature/Humidity	Temperature: 0°C~+40°C (32°F ~ 104°F) ;Humidity: Less than 90%RH

NVR Value 4K PoE Series

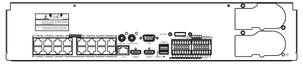


Model	RS-N7604HR-P RS-N7604HR-FP	RS-N7708HR-P RS-N7708HR-FP	RS-N7816HA-P RS-N7816HA-FP
Resolution	8MP, 5MP, 3MP, 2MP(1080P),1.3MP(960P),1.0MP(720P)		
Recording Bandwidth Inputs	50Mbps	128Mbps	112Mbps
Recording Bandwidth Out	64Mbps	128Mbps	96Mbps
Compression	Audio: G.711a ; Video: H.264/H.265		
Frame Rate	4K: 45fps; 4MP: 90fps; 2MP:180fps		
AI	yes		
Event	MD(Sensitivity Level 1~8) Videlo loss Beep, Email, Push notification to Mobile APP		
Playback Function	Fast forward / backward (2x, 4x, 8x,16x)：Slow forward (1/2x, 1/4x, 1/8x, 1/16x)		
Playback	Max 4CH playback	Max 8CH playback	Max 16CH playback
Fisheye	Use WEB CMS,device does not support		
P/W Reset	Factory Reset : Press 10 seconds		
VGA	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 ）		
HDMI	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID）		
PoE	4PoE	8PoE	16PoE
Ethernet	1 RJ45 10/100 Base-T	1 RJ45 100/1000 Base-T	1 RJ45 100/1000 Base-T
USB	USB2.0*1(front);USB2.0*1+(rear)		
Audio Out	1		
E-sata	1 optional, not supported by default		
HDD	1 SATA HDD,up to 10TB((Design reserved 2HDD or 1HDD+1ESATA))		
Line In	1 optional, not supported by default		1
RS485	1 optional, not supported by default		
Alarm Input/Out	4 in /1 out optional, not supported by default	8 in /1 out optional, not supported by default	
Dimension (WxDxH)	300X227X53mm		300X302X54mm
Input Voltage/Current	1HDD: DC48V/1.2A; 2HDD: DC48V/2A; PoE Swith: 48V	1HDD: DC48V/1.5A; 2HDD: DC48V/2A; PoE Swith: 48V	DC48V/3.75A
Power Consumption(excluding hard disk)	4W	5W	8W
Operating Temperature/Humidity	Temperature: 0°C~+40°C (32°F ~ 104°F) ;Humidity: Less than 90%RH		

NVR Value 4K Non-PoE Series

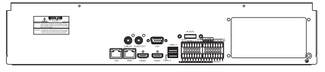
Model	RS-N7504HR	RS-N7508HR	RS-N7516HR
Resolution	8MP, 5MP, 3MP, 2MP(1080P),1.3MP(960P),1.0MP(720P)		
Recording Bandwidth Inputs	50Mbps	128Mbps	112Mbps
Recording Bandwidth Out	64Mbps	128Mbps	96Mbps
Compression	Audio: G.711a ; Video: H.264/H.265		
Frame Rate	4K:45fps; 4MP:90fps; 2MP:180fps		
AI	yes		
Event	MD(Sensitivity Level 1~8) Videlo loss Beep, Email, Push notification to Mobile APP		
Playback Function	Fast forward / backward (2x, 4x, 8x,16x)：Slow forward (1/2x, 1/4x, 1/8x, 1/16x)		
Playback	Max 4CH playback	Max 8CH playback	Max 16CH playback
Fisheye	Use WEB CMS,device does not support		
P/W Reset	Factory Reset : Press 10 seconds		
VGA	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 ）		
HDMI	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID）		
PoE	N/A		
Ethernet	1 RJ45 100/1000 Base-T		
USB	USB2.0*1(front); USB2.0*1+(rear)		
Audio out	1		
E-sata	1 optional, not supported by default		
HDD	1 SATA HDD, up to 8TB (Design reserved 2HDD or 1HDD+1ESATA)		
Line in	1 optional, not supported by default		1
RS485	1 optional, not supported by default		
Alarm Input/out	4 in /1 out optional, not supported by default	8 in /1 out optional, not supported by default	
Dimension (WxDxH)	300X227X53mm		
Input Voltage/Current	DC12V/2A		
Power consumption(excluding hard disk)	4W		
Operating Temperature/Humidity	Temperature: 0°C~+40°C (32°F ~ 104°F) ;Humidity: Less than 90%RH		

NVR Value 4K PoE Series



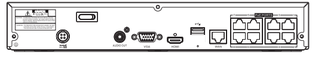
Model	RS-N7316GR-P-E	RS-N7332PC-P-E
Resolution	8MP, 5MP, 3MP, 2MP(1080P),1.3MP(960P),1.0MP(720P)	
Recording Bandwidth Inputs	256M	
Recording Bandwidth Out	128M	
Compression	Audio: G.711a ; Video: H.264/H.265	
Frame Rate	4K: 60fps; 4MP: 120fps; 2MP: 240fps	
AI	yes	
Event	MD(Sensitivity Level 1~8) Videlo loss Beep, Email, Push notification to Mobile APP	
Playback Function	Fast forward / backward (2x, 4x, 8x,16x)；Slow forward (1/2x, 1/4x, 1/8x, 1/16x)	
Playback	Max 16CH playback	
Fisheye	Use WEB CMS,device does not support	
P/W Reset	Factory Reset : Press 10 seconds	
VGA	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 ）	
HDMI 1	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID）	
HDMI 2	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080）	
PoE	16*RJ45, 802.3at/af	
Ethernet	2 RJ45 100/1000 Base-T	
USB	USB2.0*1(front);USB3.0*1+USB2.0*1(rear)	
Audio Out	1	
E-sata	1	
HDD	2HDD+1ESATA	8HDD+1ESATA
Line In	1	
RS485	1	
Alarm Input/Out	16 in /1 out	16 in /4 out
Dimension (WxDxH)	380*340*50mm	440*460*149mm
Input Voltage/Current	250W	
Power Consumption(excluding hard disk)	≤20W	
Operating Temperature/Humidity	Temperature: 0°C~+40°C (32°F ~ 104°F) ;Humidity: Less than 90%RH	

NVR Value 4K Non-PoE Series



Model	RS-N7016PC-EHL / RS-N7032PC-EHL
Resolution	8MP, 5MP, 3MP, 2MP(1080P),1.3MP(960P),1.0MP(720P)
Recording Bandwidth Inputs	256M
Recording Bandwidth Out	128M
Compression	Audio: G.711a ; Video: H.264/H.265
Frame Rate	4K: 60fps; 4MP: 120fps; 2MP: 240fps
AI	yes
Event	MD(Sensitivity Level 1~8) Videlo loss Beep, Email, Push notification to Mobile APP
Playback Function	Fast forward / backward (2x, 4x, 8x,16x)；Slow forward (1/2x, 1/4x, 1/8x, 1/16x)
Playback	Max 16CH playback
Fisheye	Use WEB CMS,device does not support
P/W Reset	Factory Reset : Press 10 seconds
VGA	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 ）
HDMI 1	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID）
HDMI 2	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080）
PoE	N/A
Ethernet	2 RJ45 100/1000 Base-T
USB	USB2.0*1(front);USB3.0*1+USB2.0*1(rear)
Audio Out	1
E-sata	1
HDD	8 HDD+1ESATA
Line In	1
RS485	1
Alarm Input/Out	16 in /4 out
Dimension (WxDxH)	380*340*50mm
Input Voltage/Current	250W
Power Consumption(excluding hard disk)	≤20W
Operating Temperature/Humidity	Temperature: 0°C~+40°C (32°F ~ 104°F) ;Humidity: Less than 90%RH

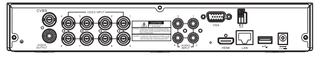
NVR Economic 4K PoE Series



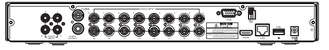
Model	RS-N8104HR-FP	RS-N8208HR-FP
Resolution	8MP, 5MP, 3MP, 2MP(1080P),1.3MP(960P),1.0MP(720P)	
Recording Bandwidth Inputs	50Mbps	76Mbps
Recording Bandwidth Out	48Mbps	32Mbps
Compression	Audio: G.711a ; Video: H.264/H.265	
Frame Rate	4K: 30fps; 4MP: 60fps; 2MP: 120fps	
AI	yes	
Event	MD(Sensitivity Level 1~8) Videlo loss Beep, Email Push notification to Mobile APP	
Playback Function	Fast forward / backward (2x, 4x, 8x,16x); Slow forward (1/2x, 1/4x, 1/8x, 1/16x)	
Playback	Max 4CH playback	
Fisheye	Use WEB CMS,device does not support	
P/W Reset	Factory Reset : Press 10 seconds	
VGA	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 ）	
HDMI	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID）	
PoE	4*RJ45, 802.3at/af	
Ethernet	1 RJ45 10/100 Base-T	
USB	USB2.0*1(front); USB2.0*1+(rear)	
Audio Out	1	
E-sata	1 optional, not supported by default	
HDD	1 SATA HDD, up to 8TB (Design reserved 2HDD or 1HDD+1ESATA)	
Line In	1 optional, not supported by default	
RS485	1 optional, not supported by default	
Alarm Input/Out	4 in /1 out optional, not supported by default	8 in /1 out optional, not supported by default
Dimension (WxDxH)	300X227X53mm	
Input Voltage/Current	DC48V/1.2A	
Power Consumption(excluding hard disk)	5.5W	5.8W
Operating Temperature/Humidity	Temperature: 0°C~+40°C (32°F ~ 104°F) ;Humidity: Less than 90%RH	

NVR Economic 4K Non-PoE Series

Model	RS-N8004HR	RS-N8008HR
Resolution	8MP, 5MP, 3MP, 2MP(1080P),1.3MP(960P),1.0MP(720P)	
Recording Bandwidth Inputs	50Mbps	76Mbps
Recording Bandwidth Out	48Mbps	32Mbps
Compression	Audio: G.711a ; Video: H.264/H.265	
Frame Rate	4K: 30fps; 4MP: 60fps; 2MP: 120fps	
AI	yes	
Event	MD(Sensitivity Level 1~8) Videlo loss Beep, Email Push notification to Mobile APP	
Playback Function	Fast forward / backward (2x, 4x, 8x,16x); Slow forward (1/2x, 1/4x, 1/8x, 1/16x)	
Playback	Max 4CH playback	
Fisheye	Use WEB CMS,device does not support	
P/W Reset	Factory Reset : Press 10 seconds	
VGA	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 ）	
HDMI	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID）	
PoE	N/A	
Ethernet	1 RJ45 10/100 Base-T	
USB	USB2.0*1(front); USB2.0*1+(rear)	
Audio out	1	
E-sata	1 optional, not supported by default	
HDD	1 SATA HDD, up to 8TB (Design reserved 2HDD or 1HDD+1ESATA)	
Line In	1 optional, not supported by default	
RS485	1 optional, not supported by default	
Alarm Input/Out	4 in /1 out optional, not supported by default	8 in /1 out optional, not supported by default
Dimension (WxDxH)	300X227X53mm	
Input Voltage/Current	DC12V/2A	
Power Consumption(excluding hard disk)	3.2W	3.3W
Operating Temperature/Humidity	Temperature: 0°C~+40°C (32°F ~ 104°F) ;Humidity: Less than 90%RH	

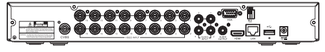


Model	RS-D7104HR-N-T	RS-D7108HR-N-T
Recording Bandwidth Inputs	12Mbps ~36Mbps, IP Bandwidth default is 12Mbps,	24Mbps ~72Mbps, IP Bandwidth default is 24Mbps,
Recording Bandwidth Out	48Mbps	72Mbps
Analog Video Input	4CH inputs	8CH inputs
IP Video Input	2ch,(only IP up to 6ch)	4ch,(only IP up to 12ch)
Composite Video Input	up to 6ch (Analog video + IP video)	up to 12ch (Analog video + IP video)
Compression	Audio: G.711a , Video : H.264/H.265	
Display Resolution	Analog: 8MP（15fps）, 5MP（20fps）, 4MP/1080P/720P/960H（30fps） IP: 4K/4MP/1080P/720P	
Speed	Analog: 8MP: 7fps(each ch), 5MP: 12fps(each ch), 4MP: 15fps(each ch), 1080P: PAL: 25fps(each ch)/NTSC: 30fps(each ch) IP: PAL: 25fps(each ch)/NTSC: 30fps(each ch)	
Event	MD(Sensitivity Level 1~8) ; Video loss; Beep, Email, Push notification to Mobile APP	
Playback Function	Fast forward / backward (2x, 4x, 8x,16x)：Slow forward (1/2x, 1/4x, 1/8x, 1/16x)	
Playback	8MP: 28fps, 5MP: 48ps, 4MP: 60fps, 1080P: 120fps	8MP: 60fps（Max 4CH playback）, 5MP: 96fps（Max 8CH playback） 4MP: 120fps（Max 8CH playback）, 1080P: 240fps（Max 8CH playback）
Intelligent	PID, LCD, PD&VD	PID ,LCD
P/W Reset	Factory Reset : Press 10 seconds	
BNC	1 (704*576)	
VGA	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 ）	
HDMI	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID）	
Ethernet	1 RJ45 10/100 Base-T	1 RJ45 100/1000 Base-T
USB	USB2.0*1(front),USB2.0*1+(rear)	
Audio	4 in / 1 out	4 in / 1 out (Max 8 in /1 out optional)
E-sata	1 optional, not supported by default	
HDD	1 SATA HDD, up to 8TB default (Design reserved 2HDD)	
RS485	1	
Alarm Input/Out	4 in /1 out optional, not supported by default	8 in /1 out optional, not supported by default
Dimension (WxDxH)	300X227X53mm	
Input Voltage/Current	1HDD: DC12V/2A, 2HDD: DC12V/5A	
Power Consumption(excluding hard disk)	4.7W	11W
Operating Temperature/Humidity	Temperature: 0°C~+40°C (32°F ~ 104°F), Humidity: Less than 90%RH	



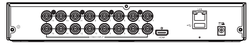
Model	RS-D7208HR-N-T	RS-D7116GR-N-T
Recording Bandwidth Inputs	16Mbps ~24Mbps	48Mbps
Recording Bandwidth Out	96Mbps	128Mbps
Analog Video Input	8CH inputs	16CH inputs
IP Video Input	4ch,(only IP up to 12ch)	8ch
Composite Video Input	up to 12ch (Analog video + IP video)	up to 24ch (Analog video + IP video)
Compression	Audio: G.711a , Video : H.264/H.265	
Display Resolution	Analog: 8MP（15fps）, 5MP（20fps）, 4MP/1080P/720P/960H（30fps） IP: 4K/4MP/1080P/720P	Analog: 8MP（15fps）; 5MP（20fps）; 4MP/3MP/1080P/720P/960H（30fps）IP: 8MP/4MP/3MP1080P/720P
Speed	Analog :8MP:10fps(each ch); 5MP:14fps(each ch);4MP:18fps(each ch); 1080P:PAL:25fps(each ch)/NTSC:30fps(each ch) IP: PAL:25fps(each ch)/NTSC: 30fps(each ch)	Analog: 8MP:10fps(each ch); 5MP:15fps(each ch); 4MP:20fps(each ch); 1080P: PAL:25fps(each ch)/NTSC:30fps(each ch) IP: PAL:25fps(each ch)/NTSC: 30fps(each ch)
Event	MD(Sensitivity Level 1~8) ; Video loss; Beep, Email, Push notification to Mobile APP	
Playback Function	Fast forward / backward (2x, 4x, 8x,16x)：Slow forward (1/2x, 1/4x, 1/8x, 1/16x)	
Playback	8MP: 75fps (Max 4CH playback); 5MP: 112fps(Max 8CH playback) 4MP: 144fps(Max 8CH playback); 1080P: 240fps (Max 8CH playback)	8MP: 120fps(Max 12CH playback); 5MP: 240fps(Max 16CH playback) 4MP: 320fps(Max 16CH playback); 1080P: 480fps(Max 16CH playback)
Intelligent	PID, LCD, PD&VD,FR	PID, LCD, PD&VD,FR
P/W Reset	Factory Reset : Press 10 seconds	
BNC	1 (704*576)	
VGA	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 ）	
HDMI	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080 , 2560*1440, 3840*2160/EDID）	
Ethernet	1 RJ45 10/100 Base-T	1 RJ45 100/1000 Base-T
USB	USB2.0*1(front),USB2.0*1+(rear)	
Audio	4 in / 1 out (Max 8 in /1 out optional,)	4 in / 1 out (Max 16 in /1 out optional)
E-sata	1 optional, not supported by default	
HDD	1 SATA HDD, up to 8TB default (Design reserved 2HDD)	2 SATA HDD, up to 8TB (Max 4HDD)
RS485	1	
Alarm Input/Out	8 in /1 out optional, not supported by default	16 in /1 out optional, not supported by default
Dimension (WxDxH)	300X227X53mm	378x340x50mm
Input Voltage/Current	1HDD: DC12V/2A, 2HDD: DC12V/5A	2HDD:DC12V/5A /4HDD DC12V/6A
Power Consumption(excluding hard disk)	11W	≤20W
Operating Temperature/Humidity	Temperature: 0°C~+40°C (32°F ~ 104°F), Humidity: Less than 90%RH	

XVR Value 5MP-Lite Series



Model	RS-D8104HR-N-T	RS-D8108HR-N-T	RS-D8116GR-N-T
Recording Bandwidth Inputs	8Mbps ~24Mbps,IP Bandwidth default is 8Mbps,	16Mbps ~48Mbps,IP Bandwidth default is 16Mbps,	16Mbps ~80Mbps,Total decoding performance 1080P 120fps
Recording Bandwidth Out	48Mbps	64Mbps	96Mbps
Analog Video Input	4CH inputs	8CH inputs	16CH inputs
IP Video Input	2ch,(only IP up to 6ch)	4ch,(only IP up to 12ch)	4ch,(only IP up to 20ch)
Composite Video Input	up to 6 ch (Analog video + IP video)	up to 12ch (Analog video + IP video)	up to 20ch (Analog video + IP video)
Compression	Audio: G.711a , Video: H.264/H.265		
Display Resolution	Analog: 5MP-Lite: 20fps, 4MP-Lite:30fps,1080P/720P/960H: 30fps; IP: 5MP/4MP/1080P/720P		
Speed	Analog: 5MP-Lite: 20fps (each ch), 4MP-Lite: 30fps(each ch), 1080P/720P: PAL: 25fps(each ch)/NTSC: 30fps(each ch) IP: PAL: 25fps(each ch)/NTSC: 30fps(each ch)	Analog: 5MP-Lite:15fps (each ch),4MP-Lite: 20fps(each ch), 1080P: 18fps(each ch), 720P: PAL: 25fps(each ch)/NTSC: 30fps(each ch) IP: PAL:25fps(each ch)/NTSC: 30fps(each ch)	Analog: 5MP-Lite: 12fps (each ch),4MP-Lite: 16fps(each ch), 1080P: 15fps(each ch), 720P: PAL: 25fps(each ch)/NTSC: 30fps(each ch) IP: PAL: 25fps(each ch)/NTSC: 30fps(each ch)
Event	MD(Sensitivity Level 1~8) ; Video loss; Beep, Email, Push notification to Mobile APP		
Playback Function	Fast forward / backward (2x, 4x, 8x,16x)； Slow forward (1/2x, 1/4x, 1/8x, 1/16x)		
Playback	5MP-Lite: 80fps, 4MP-Lite:120fps, 1080P: 120fps, 720P: 120fps	5MP-Lite: 90fps（Max 6CH playback ）,4MP-Lite: 60fps（Max 8CH playback） 1080P: 144fps（Max 8CH playback）, 720P: 240fps（Max 8CH playback）	1080P: 120fps Max 8CH playback
Intelligent	PID, LCD, PD&VD		
P/W Reset	Factory Reset : Press 10 seconds		
BNC	1 (704*576)		
VGA	1(1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080)		
HDMI	1(1024*768,1280*720,1280*1024,1440*900,1920*1080,2560*1440(2K),3840*2160(4K))		
Ethernet	1 RJ45 10/100 Base-T		1 RJ45 100/1000 Base-T
USB	USB2.0*1(front),USB2.0*1+(rear)		
Audio	4 in / 1 out	4 in / 1 out (Max 8 in /1 out optional,)	4 in / 1 out (Max16 in /1 out optional,)
E-sata	1 optional, not supported by default		
HDD	1 SATA HDD, up to 8TB default (Design reserved 2HDD or 1HDD+1ESATA)		
RS485	1		
Alarm Input/Out	4 in /1 out optional, not supported by default	8 in /1 out optional, not supported by default	16 in /1 out optional, not supported by default
Dimension (WxDxH)	300X227X53mm		
Input Voltage/Current	1HDD:DC12V/2A, 2HDD:DC12V/5A		
Power Consumption(excluding hard disk)	3.6W	6.4W	14W
Operating Temperature/Humidity	Temperature : 0°C~+40°C (32°F ~ 104°F), Humidity : Less than 90%RH		

XVR Economic 5MP-Lite Series



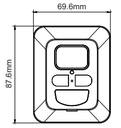
Model	RS-D8004AS-N-T	RS-D8008AS-N-T	RS-D8016HR-N-T
Recording Bandwidth Inputs	4Mbps ~20Mbps,IP Bandwidth default is 4Mbps	8Mbps ~40Mbps,IP Bandwidth max is 8Mbps	16Mbps ~32Mbps,IP Bandwidth max is 8Mbps
Recording Bandwidth Out	32Mbps	56Mbps	64Mbps
Analog Video Input	4CH inputs	8CH inputs	16CH inputs
IP Video Input	1ch,(only IP up to 5ch)	2ch,(only IP up to 10ch)	4ch,(only IP up to 20ch)
Composite Video Input	up to 5 ch (Analog video + IP video)	up to 10 ch (Analog video + IP video)	up to 20 ch (Analog video + IP video)
Compression	Audio: G.711a, Video: H.264/H.265		
Display Resolution	Analog: 5MP-Lite:20fps, 4MP-Lite:30fps, 1080P/720P/960H:30fps, IP:1080P/720P	Analog: 5MP-Lite:12fps, 1080P:15fps, 1080N/720P/960H:30fps, IP:1080P/720P	Analog: 5MP-Lite(1280*1944): 12fps1080N/720P/960H, IP:1080P/720P
Speed	Analog:5MP-Lite:20fps (each ch), 4MP-Lite:30fps(each ch), 1080P/720P:PAL:25fps(each ch)/NTSC:30fps(each ch) IP : PAL:25fps(each ch)/NTSC: 30fps(each ch)		Analog :5MP-Lite(1280*1944): 12fps(each ch)； 1080N(960*1080) :15fps(each ch)；720P:15fps(each ch) IP :PAL:25fps(each ch) / NTSC: 30fps(each ch)
Event	MD(Sensitivity Level 1~8) ; Video loss; Email, Push notification to Mobile APP		
Playback Function	Fast forward / backward (2x, 4x, 8x,16x)； Slow forward (1/2x, 1/4x, 1/8x, 1/16x)		
Playback	5MP-Lite:80fps, 4MP-Lite: 120fps, 1080P: 120fps, 720P: 120fps	5MP-Lite: 48fps, 1080P: 60fps, 720P: 120fps(Max 4CH playback)	5MP-Lite: 90fps(Max 6CH playback), 1080P: 160fps(Max 8CH playback) 720P: 320fps(Max 8CH playback)
P/W Reset	Factory Reset: Press 10 seconds		
BNC	N/A		
VGA	N/A		
HDMI	1(1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080, EDID)		
Ethernet	1 RJ45 10/100Base-T		
USB	USB2.0*2(front)		
Audio	N/A		
E-sata	N/A		
HDD	1 SATA HDD, up to 8TB		
RS485	N/A		
Alarm Input/Out	N/A		
Dimension (WxDxH)	230*215*47mm		300X227X53mm
Input Voltage/Current	DC12V/2A		
Power Consumption(excluding hard disk)	3.6W	4W	8W
Operating Temperature/Humidity	Temperature : 0°C~+40°C (32°F ~ 104°F) ,Humidity : Less than 90%RH		

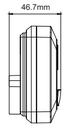
WIFI Camera Kit

Wifi Wireless Kit

Wire-free Battery Kit

Wireless Camera 2MP Wifi Camera Kit



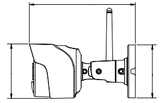


Model	RS-CH222H1XF-TL-28W
Imaging Device	2MP CMOS
Effective Pixels	1920x1080p (2MP)
Scanning System	Progressive
Horizontal Resolution	1080p
Min. Illumination	0Lux (IR LED ON)
Camera Output	WiFi 802.11b/g
Focal Length	3.6mm
Max. Aperture Ratio	F2.1
Angular Field of View	D:105
Shutter Mode	Auto
Gain Control	Auto
White Balance	Auto
Wide Dynamic Range	D-WDR
Digital Noise Reduction	3DNR
Day & Night	TRUE D/N, Auto
Night Distance	40ft (12M)
White LED Distance	23ft(7M)
PIR Distance	23ft(7M)
Operating Temperature/Humidity	-30°C ~ +50°C / Less than 90% RH ※ Startup : -10°C ~ +50°C
Ingress Protection	IP66
Input Voltage	DC5V
Built-in Battery	3.7V Rechargable Battery -> 1xBattery Pack(18650x2battery) ; 5,200mAh(2,600mAhx2)
Mechanical design	black/ white/Plastic
Mount	Magnetic Mount & Pole Mount
MIC	Yes
SPEAKER	Yes
Siren	Yes
Compression	G.711a, AAC
Video Analytics	HD (Human Detection)
2-Way Audio	Yes(Half-Duplex)
Pair	Yes

Wireless Camera 2MP Wifi Wireless Kit

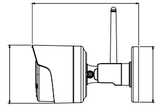
CGA-WL

CGA-WTL



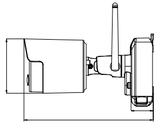
UG-WL

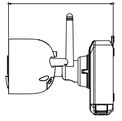
UG-WTL

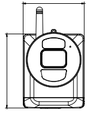


Model	RS-CH222M6CGA-WL-36W RS-CH222M6CGA-WTL-36W	RS-CH222M6UG-WL-36W RS-CH222M6UG-WTL-36W
Focal Length	3.6mm	
Sensor	1920*1080 (1/2.7" 2MP)	
Scanning System	Progressive	
Min. Illumination	0Lux (IR LED ON)	
Max. Aperture Ratio	F2.2	
Angular Field of View	H: 86.99, V: 47.08, D: 105.87	
WiFi	WiFi 802.11b/g	
Microphone	NO, YES	
Speaker	NO, YES	
SD card	Build-in SD card slot	
Shutter Mode	Auto	
Gain Control	Auto	
White Balance	Auto	
Wide Dynamic Range	D-WDR	
Digital Noise Reduction	3DNR	
Day & Night	TRUE D/N, Auto	
Night Distance	40ft (12M)	
Transmission Distance	Max 300M(Empty No interference distance)	
White LED Distance	23ft(7M)	
PIR Distance	23ft(7M)	
Operating Temperature/Humidity	-30°C ~ +50°C / Less than 90% RH ※ Startup : -10°C ~ +50°C	
Ingress Protection	IP66	
Input Voltage	DC12V	
Power Consumption	Max 5.52W	
Mechanical Design	Metal	Plastic

Wireless Camera 4MP Wifi Wirefree kit (Battery)

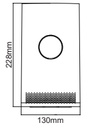


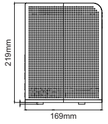


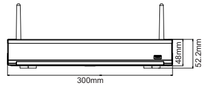


Model	RS-CH296I3XC-TL-26W	RS-CH296I3XD-TL-26W
Effective Pixels	2560*1440 (16:9) 1/3"	
Scanning System	Progressive	
Horizontal Resolution	2560*1440 (4MP)	
Min. Illumination	0Lux (IR LED ON)	
Focal Length	2.6mm	
Max. Aperture Ratio	F2.0	
Angular Field of View	H:118° , V: 64°, D: 138°	
Shutter Mode	Auto	
Gain Control	Auto	
White Balance	Auto	
Wide Dynamic Range	WDR	
Digital Noise Reduction	3DNR	
Day & Night	TRUE D/N, Auto	
Night Distance	6PCS IR LEDS, 40ft (12M)	
Transmission Distance	Max 300M(Empty No interference distance)	
White LED Distance	4PCS White LEDS, 23ft(7M)	
PIR Distance	120°, 23ft(7M)	
Operating Temperature/Humidity	-20°C ~ +50°C / Less than 90% RH ※ Startup : -10°C ~ +50°C	
Ingress Protection	IP66	
Input Voltage	DC5V	
Power Consumption	1W-1.8W	
Mechanical Design	White / Metal	White / Plastic
MIC	YES	
Speaker	SIREN	
Sd Card	No Support	

Wireless NVR

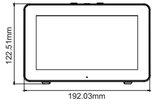






Model	RS-H8108AQ-N-W	RS-H8108AN-N-W	RS-H8108HR-N-W
Resolution	3840*2160		
Inputs	8CH (WiFi 802.11b/g)		
Frame Rate	Max 2MP@25fps (Auto fps, Auto bitrate); Max 4MP@15fps (Auto fps, Auto bitrate)		
Compression	Video : H.265+,Audio: G.711a		
Recording Bandwidth	Max Up to 12Mbps (main 1.5M * 8=12)		
Frame Rate	Dual track recording		
Event Type	MD(Sensitivity Level 1~8); Videlo loss; HDD (Full, Failure)		
Hdd Full Event	Beep, Email, Push notification to Mobile APP		
Transmission Bandwidth	total, Max 8CH playback		
Live Stream	Max 2MP@25fps (Auto fps, Auto bitrate); Max 4MP@15fps (Auto fps, Auto bitrate)		
Protocol Support	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, DHCP, SMTP, DNS, DDNS		
Local/CMS	UI5.0		
P/W Reset	yes		
LED	Power : GREEN, Record : RED, Network : BLUE	Power : GREEN, Record : RED	
Internal Sd Card	yes		
Internal HDD	1T HDD*1 (Max6TB)		
USB (Back-up)	2 USB Port		
HDMI	HDMI*1 (1024*768, 1280*1024, 1280*720, 1440*900, 1920*1080,2560*1440,3840*2160), ※ EDID (monitor resolution auto detection)		
Ethernet	1 RJ45 10/100 Base-T		
USB	USB2.0*1, USB2.0*1 (for mouse and backup/upgrade)		
Application Support	Mouse		Mouse, IR Remote Control
OSD Language	Multi-Languages		
Dimension (WxDxH)	130mm * 66mm * 228mm	169mm * 63mm * 219mm	300mm * 48mm * 208mm
Input Voltage/Current	DC12V/2A		
Power Consumption	Max 3.9W		
Operating Temperature/Humidity	Temperature: 0°C~+40°C (32°F ~ 104°F), Humidity : 20% ~ 85%RH		

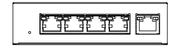
Wireless NVR

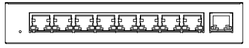


Model	RS-S1008AR-W
Resolution	1920x1080p (2MP)
Inputs	8CH (WiFi 802.11b/g)
Audio	yes
Frame Rate	Max 20fps@2MP/CH, Bitrate : Auto 1CH-4CH：MAX 20fps@2MP/CH, Bitrate : Auto FPS : Auto 5CH-6CH：MAX 15fps@2MP/CH, Bitrate : Auto FPS : Auto 7CH-8CH：MAX 12fps@2MP/CH, Bitrate : Auto FPS : Auto Max 10fps@1280*720/CH, Bitrate : Auto
Compression	Video : H.265, Audio :G.711a / AAC
Recording Bandwidth	Max Up to 20Mbps (main 1.5M * 8 =12 + sub 1m * 8= 8) TBD
Frame Rate	Dual track recording
Event Type	Human, MD(Sensitivity Level 1~8), Videlo loss, HDD (Full, Failure)
Hdd Full Event	Beep, Email, Push notification to Mobile APP
Playback Function	Fast forward / backward (2x, 4x, 8x); Slow forward (1/2x, 1/4x, 1/8x)
Protocol Support	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, DHCP, SMTP, DNS, DDNS
P/w Reset	yes
Volume + / Volume -	yes
Lock Screen	yes
Internal Sd Card	32G (MAX 128G)
Usd Hdd	2.5HDD MAX 6TB
Hdmi	HDMI*1 (1024*768, 1280*1024, 1280*720, 1440*900, 1920*1080)
Ethernet	1 RJ45 10/100 Base-T
USB	2*USB2.0
Mic/Speaker	yes
Application Support	Mouse, touch
Osd Language	ENG / FRE / SPA / POR / GER or More
Dimension (wxdxh)	193*84*122mm
Input Voltage/current	DC12V/2A
Operating Temperature/humidity	Temperature : 0°C~+40°C (32°F ~ 104°F), Humidity : Less than 90%RH

Management PoE Switch

Management PoE Switch





Model	RS-SW-04	RS-SW-08
Interfaces	Rj45,10/100 ,4*10/100M POE+1*10/100M	8x10/100M POE+1x100/1000M Gigabit Ethernet
Network Management	Lite Manager（CMS connection ,POE power consumer statistics, parameter configuration, log checking, firmware update, network topology）	
IEEE Standard	802.3\802.3x\802.3u\802.3az	802.3\802.3x\802.3ah\802.3az
Uplink Rate (Individual Port)	100M	1000M
Downlink Rate (Individual Port)	100M	1000M
Exchange Capacity	1Gbps	3.6Gbps
Packet Forwarding Rate	0.7Mpps	2.6Mpps
Internal Cache	1Mbits	4Mbits
PoE Standard	IEEE 802.3at/af	
PoE Port	1~4	1~8
Extension Mode（EPoE）	250 Meters	
Max. Power (Individual Port)	30W	
Max. Power (All Ports)	52W	65W
Material	Metal	
Weight	220g	380g
Dimension (WxDxH)	110*82*30mm	173*100*30mm
Operating Temperature/Humidity	Temperature : 0°C~+40°C; Humidity : Less than 90%RH	
Storage Temperature/Humidity	Temperature : -40°C~+85°C；Humidity : Less than 90%RH	
Power Specifications	48V/ 1.2A	48V/ 1.5A
Lightning Protection	4KV	

Junction Box Accessory

JUNCTION BOX / ACCESSORY

CK CG CR

NI ND

CY NK

RS-CXH-A

RS-CXH-I

RS-CXH-N

RS-CXH-O

RS-CXH100B-S

RS-CXH-B

RS-BZJ-A+RS-CXH-B

RS-PZJ-A+RS-BZJ-A+RS-CXH-B

RS-CXH-J

RS-BZJ-A+RS-CXH-J

RS-PZJ-A+RS-BZJ-A+RS-CXH-J

RS-CXH-M

RS-BZJ-A+RS-CXH-M

RS-PZJ-A+RS-BZJ-A+RS-CXH-M

RS-CXH100D-S

RS-BZJ-A+RS-CXH-100D-S

RS-PZJ-A+RS-BZJ-A+RS-CXH-100D-S

JUNCTION BOX / ACCESSORY

UG

RS-CXH-A

RS-CXH-B

RS-BZJ-A+RS-CXH-B

RS-PZJ-A+RS-BZJ-A+RS-CXH-B

TA

RS-CXH-I

RS-CXH-O

RS-CXH-SW02A

RS-BZJ-D+RS-DZJ-E+RS-CXH-SW02A

RS-CXH-J

RS-BZJ-A+RS-CXH-J

RS-PZJ-A+RS-BZJ-A+RS-CXH-J

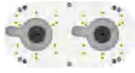
JUNCTION BOX / ACCESSORY

MCA

MDA

RS-CXH-A

RS-CXH-I



RS-CXH-SW02A

RS-BZJ-D+RS-DZJ-E+RS-CXH-SW02A

RS-CXH-B

RS-BZJ-A+RS-CXH-B

RS-PZJ-A+RS-BZJ-A+RS-CXH-B

RS-CXH-J

RS-BZJ-A+RS-CXH-J

RS-PZJ-A+RS-BZJ-A+RS-CXH-J

RS-CXH-P

RS-BZJ-A+RS-CXH-P

RS-PZJ-A+RS-BZJ-A+RS-CXH-P

JUNCTION BOX / ACCESSORY

KA KGB KRB

KPB KHP

RS-CXH-A

RS-CXH-I

RS-CXH100B-S

RS-CXH-B

RS-BZJ-A+RS-CXH-B

RS-PZJ-A+RS-BZJ-A+RS-CXH-B

RS-CXH-J

RS-BZJ-A+RS-CXH-J

RS-PZJ-A+RS-BZJ-A+RS-CXH-J

RS-CXH100D-S

RS-BZJ-A+RS-CXH-100D-S

RS-PZJ-A+RS-BZJ-A+RS-CXH-100D-S

JUNCTION BOX / ACCESSORY

FG DB

FP

RS-CXH147B-C

RS-CXH147D-D

RS-BZJ-A+RS-CXH-147D-D

RS-PZJ-A+RS-BZJ-A+CXH-147D-D

RS-BZJ-B-BC

RS-CXH-H

RS-PZJ-A+RS-CXH-H

RS-DZJ-D-2

RS-CXH-SW02A

RS-BZJ-D+RS-DZJ-E+RS-CXH-SW02A

JUNCTION BOX / ACCESSORY

RB DC

RL

RS-CXH-115D-R

RS-BZJ-A+RS-CXH-115D-R

RS-PZJ-A+RS-BZJ-A+RS-CXH-115D-R

RS-CXH115B-R

RS-BZJ-C-BC

RS-DZJ-D-1

RS-CXH-SW02A

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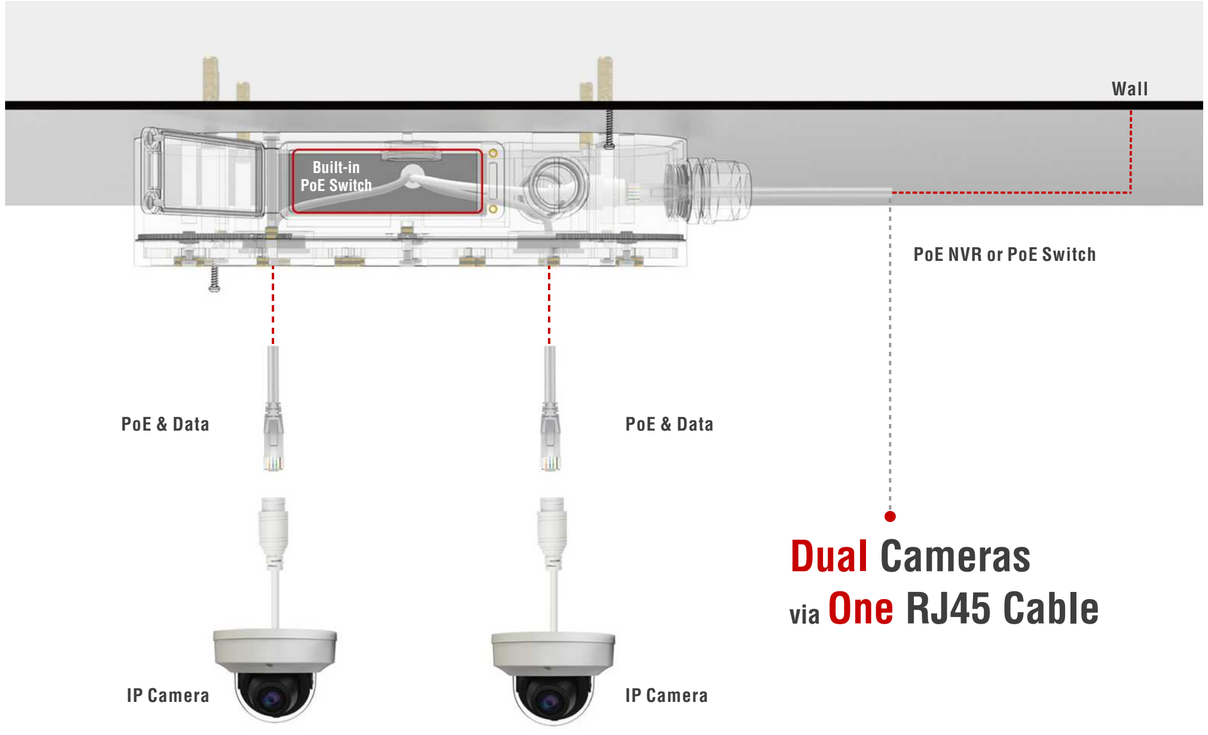
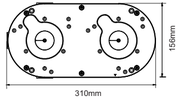


JUNCTION BOX



Model	RS-CXH-SW02A
Interfaces	LAN: 2*Rj45, 10/100M PoE; WAN: 1*RJ45, 10/100M PoE
Network Management	IEEE 802.3
Mac	3
Uplink Port Rate	100M
Downlink Port Rate	100M
Exchange Capacity	1Gbps
Packet Forwarding Rate	0.744Mpps
Internal Cache	768Kbits
PoE Standard	IEEE 802.3at/af,（LAN: each port Max 15W, WAN:Max 30W）
Switch Power Consumption	5W
Shell	PA66+30%GF, IP66
Installation Method	wall-mounted/ceiling-mounted
Dimension (WxDxH)	310*156*70mm
Operating Temperature/Humidity	Temperature: -30°C~+60°C; Humidity : Less than 90%RH
Storage Temperature/Humidity	Temperature: -40°C~+85°C ; Humidity : Less than 90%RH
Surge Protection	4KV