

GENERAL CATALOG 2012.1

PROFESSIONAL SECURITY SYSTEMS & ACCESS CONTROL PRODUCTS



Video Wall

Professional Design For Long Time Operation

RASTER

RS-W61NXX

Raster LCD Video Wall

- Digital array high-speed image processing technology
- 3D high definition digital processing technology to eliminate image jagged edge
- Intelligent delete ghost shadow automatically to extend the life of the LCD screen
- VGA image automatic adjustment (including over scan and color temperature)
- Full HD Signal Supported
- Built-in and wide-voltage power, low consumption
- Subwoofer cooling fan design, which improve machine reliability and stability

Model		RS-W61NXX
Resolution		1920 * 1080bit
LCD panel	Standard color	16.7
	Type	DID TFT-LCD
	Viewing area	1018.302mm(H) * 572.044mm(V)
	Screen proportion ratio	16:9
	Contrast ratio	4000:1
	Response time	4ms
	Viewing angle	178°
PC signal RGB input	H-frequency	60-10KHz
	V-frequency	60Hz
Video (CVBS)	Color signal type	PAL - NTSC
	CVBS input/output	1Vp-p, 75Ω-BNC*1
YUV(Ypbpr)		1080 * 1920P(60Hz)-downward compatible
VGA		1080 * 1920Hz)- downward compatible
HDMI		1080 * 1920i(60Hz)- downward compatible
Communication interface		RS-232-RJ45
Power voltage		AC110 ~ 240V/50-60Hz1-A
Operating environment	Temperature	0°C ~ 50°C
	Humidity	20% ~ 80%
Storage environment	Temperature	-20°C ~ 60°C
	Humidity	20% ~ 80%
Storage environment	Cooling system	Single-fan cooling
Chassis material		metal
dimensions	LCDE panel	1020.102 mm * 579.844mm
Weight(LCD panel +unit)		21.0Kg

The Minimum Thickness



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DVR

RS11-xxHFSr

16,8,4 Channel Effio 960 H 2U Standalone DVR

Features:

- Dual-core CPU preview,recording,playback and network performance
- 16,8,4 Channel Effio cameras with1080P realtime preview and 16,8,4 Channel audio inputs
- Full Channel 960H realtime recording
- H.264 dual-stream video compression
- HDMI / VGA / TV(BNC) synchronous video output
- Support 8 SATA HDDs up to 24TB, 4 eSATA up to 12TB, 3 USB2.0
- Built-in web server & CMS(DSS/PSS) & DMSS (Mobile phone)



Model	RS1116-HFSr	RS111A-HFSr	RS111E-HFSr
Image Resolution	CIF/D11/D1		
Max Frame Rate	18/100 fps at 110H	18/100 fps at 110H	18/100 fps at 110H
Video Input	11(BNC)	1(BNC)	1(BNC)
Compression	H.264 - G.711		
Dual Streams	Support		
Max Resolution	1080 * 1920		
Video Output	1(HDMI)1+(VGA)1+(BNC)		
Loop/ Matrix Output	1/16	1/8	1/4
Audio Input	11(BNC)	1(BNC)	1(BNC)
Audio Output	1(BNC)		
Bidirectional Talk	1(BNC) IN1+(BNC) OUT		
Internal HDD	1 SATA HDDs		
External HDD	eSATA(1 SATA HDDs)		
Alarm In	11(Low Voltage)	1(Low Voltage)	1(Low Voltage)
Relay Out	1		
Ethernet(RJ45)	100/10M/1000M		
USB	USB1,2,3 ports		
RS232C	Support		
RS485	Support		
Playback Channel	Internal		
Case	1U		

RS11-xxHFSr

32,16,8,4 Channel Full D1 High Performance 2U Standalone DVR

Features:

- Dual-core CPU preview,recording, playback and network performance
- 32,16,8,4 cameras with 1080P realtime preview and 16,16,8,4 channel audio inputs
- Full channel D4(1CIF) realtime recording
- H.264 dual-stream video compression
- HDMI / VGA / TV/Spot (BNC) synchronous video output
- Support 8 SATA HDDs up to 24TB, 4 eSATA up to 12TB, 4 USB2.0
- Built-in web server & CMS (DSS/PSS) & DMSS (Mobile phone)



Model	RS1116-HFSr	RS111A-HFSr	RS111E-HFSr	RS111E-HFSr
Image Resolution	CIF/1CIF/HD1/D1			
Max Frame Rate	16/1000fps at D1	18/1000fps at D1	18/1000fps at D1	18/1000fps at D1
Video Input	11(BNC)	11(BNC)	1(BNC)	1(BNC)
Compression	H.264 - G.711			
Dual Streams	Support			
Max Resolution	1080 * 1920			
Video Output	1(HDMI)1+(VGA)1+(BNC)			
Loop/ Matrix Output	-	1/16	1/8	1/4
Audio Input	11(BNC)	11(BNC)	1(BNC)	1(BNC)
Audio Output	1(BNC)			
Bidirectional Talk	1(BNC) IN1+(BNC) OUT			
Internal HDD	1 SATA HDDs			
External HDD	eSATA(1 SATA HDDs)			
Alarm In	11(Low Voltage)	11(Low Voltage)	1(Low Voltage)	1(Low Voltage)
Relay Out	1	1	1	1
Ethernet(RJ45)	100/10M/1000M			
USB	USB1,2,3 ports			USB1,2,3 ports
RS232C	Support			
RS485	Support			
Playback Channel	Internal			
Case	1U			

RS11-xxLFSr

32,16,8,4 Channel High Performance Standalone DVR

Features:

- 32,16,8,4 cameras with full HD 1080P display and 16,16,8,4 Channel audio inputs
- Support 2CIF realtime recording or D4(1CIF) recording with 12fps
- Each channel at CIF and special channel at D1recording
- Support TV,VGA,HDMI synchronous video output
- H.264 dual encoding streams supported
- Support 8SATAs,CD/DVD-RW,1eSATA,2USB.0
- Built-in web server & CLIENTS,MSS &CMS(Mobile phone)



Model	RS111-LFSr	RS111-LFSr	RS1-A-LFSr	RS1-E-LFSr
Image Resolution	D3 / 1 CIF/ CIF			
Max Frame Rate	18 ~ 1000 fps at CIF		18 ~ 2000 fps at CIF	18 ~ 1000 fps at CIF
Video Input	1BNC	1BNC	1BNC	1BNC
Compression	H.264 - G.711			
Dual Streams	support			
Max Resolution	1920 * 1080			
Video Output	1(HDMI) + 1(VGA) + 1(BNC)			
Loop/ Matrix Output	16		8	4
Audio Input	1BNC		1BNC	1BNC
Audio Output	1BNC			
Bidirectional Talk	1in/1out-BNC			
Internal HDD	1 SATA ports, 1HDDs or 1 HDDs + 1CD / DVD - RW, Max 1 TB per HDD supported			
External HDD	1port	-	-	-
Alarm In	16	8	4	4
Relay Out	1			
Ethernet(RJ45)	100 / 10M			
USB	USB1,2,3 ports			
RS232C	Support			
RS485	Support			
Playback Channel	16/1/1/1	1/1/1ALL		
Case	1U			

RS11-xxLFSr

16,8,4 Cost-Effective Full D1 1.5U Standalone DVR

Features:

- 4, 8, 16 cameras with full HD 1080P display and 4, 8, 4 Channel audio inputs
- Full D4(1CIF) realtime recording
- H.264 dual-stream video compression
- live, recording, playback,backup & remote access
- 8 channel realtime playback & smart search
- HDMI/VGA/TV/Spot(BNC) synchronous video output
- Support 2 SATA HDDs & CD/DVD-RW,2 USB2.0
- Built-in web server, client & DMSS & CMS (Mobile phone)



Model	RS1116-LFSr	RS111A-LFSr	RS111E-LFSr
Image Resolution	CIF/1CIF/HD1/D1		
Max Frame Rate	18/1000fps at D1	18/1000fps at D1	18/1000fps at D1
Video Input	11(BNC)	1(BNC)	1(BNC)
Compression	H.264 - G.711		
Dual Streams	Support		
Max Resolution	1080 * 1920		
Video Output	1(HDMI)1+(VGA)1+(BNC)		
Loop/ Matrix Output	N/A1		
Audio Input	1(RCA)	1(RCA)	1(RCA)
Audio Output	1(RCA)		
Bidirectional Talk	1(RCA)		
Internal HDD	1 SATA HDDs		
External HDD	-		
Alarm In	11(Low Voltage)	1(Low Voltage)	1(Low Voltage)
Relay Out	1		
Ethernet(RJ45)	100/10M/1000M		
USB	USB1,2,3 ports		
RS232C	Support		
RS485	Support		
Playback Channel	External		
Case	1.5U		

RS1116-LMSr

16 Channel 2CIF Cost-Effective 2U Standalone DVR

Features:

- dual-core CPU powerful preview,recording,playback and network performance
- 16 cameras with 1080P realtime preview and 16 Channel audio inputs
- Full channel at 2CIF realtime recording
- H.264 dual-stream video compression
- HDMI/VGA/TV/Spot(BNC) synchronous video output
- Support 8 SATA HDDs up to 24TB,4 eSATA up to 12TB,3 USB2.0
- Built-in web server & CMS(DSS/PSS) & DMSS (Mobile phone)



Model	RS1116-LMSr
Image Resolution	CIF/1CIF/HD1/D1
Max Frame Rate	18/1000fps at 1CIF/HD1
Video Input	11(BNC)
Compression	H.264 - G.711
Dual Streams	Support
Max Resolution	1080 * 1920
Video Output	1(HDMI)1+(VGA)1+(BNC)
Loop/ Matrix Output	1/16
Audio Input	11(BNC)
Audio Output	1(BNC)
Bidirectional Talk	1(BNC) IN1+(BNC) OUT
Internal HDD	1 SATA HDDs
External HDD	eSATA(1 SATA HDDs)
Alarm In	11(Low Voltage)
Relay Out	1
Ethernet(RJ45)	100/10M/1000M
USB	USB1,2,3 ports
RS232C	Support
RS485	Support
Playback Channel	Internal
Case	1U

RSA-xxLNSr

16,8,4 Channel Cost-Effective 1.5U Standalone DVR

Features:

- 16,8,4 cameras with full HD 1080P display and 4 Channel audio inputs
- H.264 dual encoding streams supported
- Each channel at CIF and special channel at D1 recording
- TV,VGA,HDMI synchronous video output
- live,recording,playback,backup & remote access
- Up to 4 SATA HDDs & CD/DVD-RW, 1 eSATA,2 USB2.0
- 16,8,4 Channel simuntaneous playback
- Built-in web server,multi-DVR client & DMSS & CMS (Mobile phone)



Model	RSA16-LNSr	RSA-8-LNSr	RSA-4-LNSr
Image Resolution	CIF/D1		
Max Frame Rate	48 ~ 200 fps at CIF	24 ~ 100 fps at CIF	12 ~ 50 fps at CIF
Video Input	16(BNC)	8(BNC)	4(BNC)
Compression	H.264 - G.711		
Dual Streams	Support		
Max Resolution	1080 * 1920		
Video Output	1(HDMI)1+(VGA)1+(BNC)		
Loop/ Matrix Output	1/16	1/8	1/4
Audio Input	4(BNC)		
Audio Output	1(BNC)		
Bidirectional Talk	1(BNC) IN1+(BNC) OUT		
Internal HDD	4 SATA HDDs		
External HDD	1eSATA		
Alarm In	16(Low Voltage)	8(Low Voltage)	4(Low Voltage)
Relay Out	1		
Ethernet(RJ45)	100/10M		
USB	USB2,2,0 ports		
RS232C	Support		
RS485	Support		
Playback Channel	Internal		
Case	1,0U		

RS4-xxLSr

16,8,4 Channel Cost-Effective 1U Standalone DVR

Features:

- 16,8,4 Ccameras with full HD 1080P and 4,8,4 Channel audio inputs
- Each Cchannel at CIF and special channel at D1 recording
- TV,VGA,HDMI synchronous video output
- H.264 dual encoding streams supported
- 16,8,4 channel simuntaneous realtime playback
- Supports 1 SATA HDD, 2 USB2.0
- Built-in web server & client & DMSS & CMS &(Mobile phone)



Model	RS416-LSr	RS4-8-LSr	RS4-4-LSr
Image Resolution	CIF/D1		
Max Frame Rate	48/200 fps at CIF	24/100 fps at CIF	12/50 fps at CIF
Video Input	16(BNC)	8(BNC)	4(BNC)
Compression	H.264 - G.711		
Dual Streams	Support		
Max Resolution	1080*1920		
Video Output	1(HDMI)1+(VGA)1+(BNC)		
Loop/ Matrix Output	-		
Audio Input	4(BNC)	8(BNC)	4(BNC)
Audio Output	1(BNC)		
Bidirectional Talk	Same with audio in channel 1		
Internal HDD	1 SATA HDD		
External HDD	-		
Alarm In	16(Low Voltage)	8(Low Voltage)	4(Low Voltage)
Relay Out	1	1	1
Ethernet(RJ45)	100/10M		
USB	USB2,2,0 ports		
RS232C	Support		
RS485	Support		
Playback Channel	External		
Case	1U		

RS416-CN

16 Channel Entry-level 1.5U Standalone DVR

Features:

- 16 cameras with SXGA(1024*1280) display and 4 Channel audio inputs
- Each channel 30~25 fps at CIF or 7/6fps at D1 recording
- H.264 Dual encoding streams supported
- TV,VGA,spot synchronous video output
- 16 channel simuntaneous playback
- live,recording,playback,backup & remote access
- Support 2 SATA HDDs & CD,DVD-RW,2USB 2.0
- Built-in web server & client ,DMS & CMS(Mobile phone)



Model	RS416-CN
Image Resolution	CIF/D1
Max Frame Rate	48/200 fps at CIF
Video Input	16(BNC)
Compression	H.264 - G.711
Dual Streams	Support
Max Resolution	1024*1280
Video Output	1(VGA)1+(BNC)
Loop/ Matrix Output	-
Audio Input	4(BNC)
Audio Output	1(BNC)
Bidirectional Talk	1(BNC) IN
Internal HDD	2 SATA HDDs
External HDD	-
Alarm In	16(Low Voltage)
Relay Out	1
Ethernet(RJ45)	100/10M/1000M
USB	USB2,2,0 ports
RS232C	Support
RS485	Support
Playback Channel	External
Case	1,0U

RS4-xxCE

16,8,4 Channel Entry-level Mini 1U Standalone DVR

Features:

- 16,8,4 Channel entry-level mini 1U standalone DVR
- 16,8,4 cameras with (1024*1280) and 1Channel audio inputs
- Support CIF realtime recording or D4(1CIF) recording with 7/6fps
- H.264 dual-streams video compression
- support TV, VGA synchronous video output
- live recording playback,backup & remote access
- All channel simuntaneous realtime playback
- Supports 1 SATA HDD, 2 USB2.0
- Built in web server ,multi- DVR client, DMSS & CMS (Mobile phone)



Model	RS416-CE	RS4-8-CE	RS4-4-CE
Image Resolution	CIF/D1		
Max Frame Rate	48/200 fps at CIF	24/100 fps at CIF	12/50 fps at CIF
Video Input	16(BNC)	8(BNC)	4(BNC)
Compression	H.264 -G.711		
Dual Streams	Support		
Max Resolution	1280*1024		
Video Output	1(VGA)1+(BNC)		
Loop/ Matrix Output	-		
Audio Input	1(BNC)		
Audio Output	1(BNC)		
Bidirectional Talk	1(BNC) IN		
Internal HDD	1 SATA HDD		
External HDD	-		
Alarm In	16(Low Voltage)	8(Low Voltage)	4(Low Voltage)
Relay Out	1	1	1
Ethernet(RJ45)	100/10M/1000M		
USB	USB2,2,0 ports		
RS232C	Support		
RS485	Support		
Playback Channel	4/1/1/All		4/1/1
Case	1U		Mini 1U

RS4-xxxHFS1

16,8,4 Channel Full D1 ,1U Standalone DVR

Features:

- 16,8,4 Channel video inputs and 4 Channel audio inputs
- H.264 dual-stream video compression
- Full channel at D4(1CIF) realtime recording
- HDMI/VGA /TV(BNC) synchronous video output
- All channel simultaneous realtime playback, GRID interface & smart search
- Smart video detection: MD, camera blank, video loss
- 3D intelligent positioning with Dahua PTZ dome camera



Model	RS416-HFS1	RS4-8-HFS1	RS4-4-HFS1
Image Resolution	D4 / 1CIF / HD1/1CIF / CIF/QCIF		
Max Frame Rate	48 * 200 at CIF	24 * 100 at CIF	12 * 50 at CIF
Video Input	4BNC		
Compression	H.264 - G.711		
Dual Streams	support		
Max Resolution	1080 * 1920		
Video Output	1(HDMI) + 1(VGA) + 1(TV) 1-(BNC)		
Loop/ Matrix Output	-		
Audio Input	4BNC		
Audio Output	1BNC		
Bidirectional Talk	same with audio input channel 1		
Internal HDD	1 SATA , Max 7TB HDD support		
External HDD	-		
Alarm I/O	1/4		
Relay Out	1		
Ethernet(RJ45)	1000 / 100 / 10M		
USB	2Ports		
RS232C	support		
RS485	support		
Playback Channel	4 / 16 / 1 syns playback		
Case	1U		

RS4-xxLSH

16,8,4 Channel Cost-Effective 1U Standalone DVR

Features:

- 16,8,4 cameras with 1080P realtime preview and 1 channel audio inputs
- Full channel 2CIF or 1 channel at D1 ,other channels at CIF real time recording
- TV,VGA synchronous video output
- H.264 dual encoding streams supported
- Support 1 SATA HDD, 2 USB2.0
- Built-in web server & CMS(DSS/PSS) & DMSS (Mobile phone)



Model	RS416-LSH	RS4-8-LSH	RS4-4-LSH
Image Resolution	CIF/D1		
Max Frame Rate	48 ~ 200 fps at CIF	24 ~ 100 fps at CIF	12 ~ 50 fps at CIF
Video Input	16(BNC)	8(BNC)	4(BNC)
Compression	H.264 - G.711		
Dual Streams	Support		
Max Resolution	1024 * 1280		
Video Output	1(VGA)1+(BNC)		
Loop/ Matrix Output	-		
Audio Input	4(RCA)	8(RCA)	4(RCA)
Audio Output	1(BNC)		
Bidirectional Talk	Same with audio in 1 channel		
Internal HDD	1 SATA HDD		
External HDD	-		
Alarm In	-		
Relay Out	-		
Ethernet(RJ45)	100/10M		
USB	USB2,2,0 ports		
RS232C	-		
RS485	Support		
Playback Channel	4 / 16 / 1 All		
Case	1U		

H.264 Standalone DVR

Features:

- 16,8,4 cameras with full HD 1080P display and 8,8,1 Channel audio inputs
- Support D1 realtime recording with 25fps
- Each channel at D1 recording and playback
- Support TV,VGA,HDMI synchronous video output
- H.264 dual encoding streams supported
- Support 1/2 SATAs,CD/DVD-RW,1eSATA,2USB.0
- Support TCP/IP protocol.PPPOE.DDNS.USB backup



Model	RS1A17-DH	RS1A-A-DH	RS1V-ε-DH
Image Resolution	D1 /CIF		
Max Frame Rate	εA~ε.. fps at D1	γε..~γ.. fps at D1	γγ..~γ.. fps at D1
Video Input	1γ	Λ	ε
Compression	H.γγε		
Dual Streams	Support		
Max Resolution	19A.*19γ.		
Video Output	1(HDMI) + 1(VGA)		
Loop/ Matrix Output	-	-	-
Audio Input	1γ	Λ	ε
Audio Output	γ	1	
Bidirectional Talk			
Internal HDD	γ SATA		
External HDD	-		
Alarm In	1γ	Λ	1
Relay Out	ε		
Ethernet(RJε~)	1.. / 10M		
USB	γ.USB		
RSγγγ~	support		
RSεA~	support		
Playback Channel	ε/Λ1γ		
Case	1U		

RS9A-xxVL

H.264 Standalone DVR

Features:

- 32 cameras with full HD 1080P display and 8,4 Channel audio inputs
 - Support D1 realtime recording with 25fps
 - Each channel at D1 recording and playback
 - Support TV,VGA,HDMI synchronous video output
 - H.264 dual encoding streams supported
 - Support 2 SATAs,CD/DVD-RW,1eSATA,2USB.0
 - Support TCP/IP protocol,PPPOE,DDNS,USB backup
- 



Model	RS1A1Y-DH	RS1A1Y-VL
Image Resolution	D1	CIF
Max Frame Rate	300 fps at D1	300 fps at CIF
Video Input		Y(BNC)
Compression		H.264
Dual Streams		Support
Max Resolution		1080P@30
Video Output		1
Loop/ Matrix Output		-
Audio Input	2	1
Audio Output		1
Bidirectional Talk		-
Internal HDD		2 SATA
External HDD		-
Alarm I/O		Y/N
Relay Out		-
Ethernet(RJ45)		100 / 10M/1000M
USB		2.USB
RS1A1Y-		-
RS1A1Y-		support
Playback Channel		32
Case		1U

RS9V-xxVL

H.264 Standalone DVR

Features:

- 8 cameras with full HD 1080P display and 8,8,1 Channel audio inputs
 - Support D1 realtime recording with 25fps
 - Each channel at D1,HD1/ClF recording and playback
 - Support TV,VGA,HDMI synchronous video output
 - H.264 dual encoding streams supported
 - Support 1 SATAs,CD/DVD-RW,1eSATA,2USB.0
 - Support TCP/IP protocol,PPPOE,DDNS,USB backup
- 

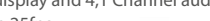


Model	RS4V-A-VL	RS4V-A-VL
Image Resolution	D ¹ /CIF	
Max Frame Rate	24.0 ~ 20.0 fps at D ¹	12.0 ~ 10.0 fps at D ¹
Video Input	1	2
Compression	H.264	
Dual Streams	Support	
Max Resolution	1920*1080	
Video Output	1(BNC)1+(VGA)	
Loop/ Matrix Output	-	
Audio Input	2	
Audio Output	1	
Bidirectional Talk	-	
Internal HDD	1 SATA	
External HDD	-	
Alarm In	-	
Relay Out	-	
Ethernet(RJ45)	100 / 10M	
USB	2,USB	
RS232C	-	
RS485	support	
Playback Channel	2/1	
Case	1U	

RS90-xxVL

H.264 Standalone DVR

Features:

- 16,8,4 cameras with full HD 1080P display and 4,1 Channel audio inputs
 - Support D1 realtime recording with 25fps
 - Each channel at D1/CIF recording and playback
 - Support TV,VGA,HDMI synchronous video output
 - H.264 dual encoding streams supported
 - Support 1 SATAs,CD/DVD-RW,2USB.0
 - Support TCP/IP protocol,PPPOE,DDNS,USB
- 



Model	RS9117-VL	RS910-A-VL	RS910-E-VL
Image Resolution	D1	1/2CIF&1/3D1	D1
Max Frame Rate	30.0 fps at D1	25.0 fps at CIF& D1	30.0 fps at D1
Video Input	1/4/1/6		
Compression	H.264		
Dual Streams	Support		
Max Resolution	1920*1080		
Video Output	1		
Loop/ Matrix Output	-		
Audio Input	1	1	
Audio Output	1		
Bidirectional Talk	-		
Internal HDD	1 SATA		
External HDD	-		
Alarm I/O	1/1/6	1/8	1/4
Relay Out	-		
Ethernet(RJ45)	100 / 10M/1000M		
USB	2.USB(USB 3G Wireless and USB Wifi)		
RS232C	-		
RS485	support		
Playback Channel	16	8	4
Case	1U		

RS97-xxVL

H.264 Standalone DVR

Features:

- 8,16 cameras with full HD 1080P display and 8,8,1 Channel audio inputs
- Support D1 realtime recording with 25fps
- Each channel at D1,HDI/CIF recording and playback
- Support TV,VGA,HDMI synchronous video output
- H.264 dual encoding streams supported
- Support 1 SATAs,CD/DVD-RW,1eSATA,2USB.0
- Support TCP/IP protocol,PPPOE,DDNS,USB backup



Model	RS111-VL	RS111-A-VL
Image Resolution	D1 /CIF	
Max Frame Rate	25 ~ 30 fps at D1	25 ~ 30 fps at D1
Video Input	1	1
Compression	H.264	
Dual Streams	Support	
Max Resolution	1920*1080	
Video Output	1(BNC)+1(VGA)	
Loop/ Matrix Output	-	
Audio Input	1	1
Audio Output	1	1
Bidirectional Talk	-	
Internal HDD	1 SATA	
External HDD	-	
Alarm I/O	1/1	1/1
Relay Out	-	
Ethernet(RJ45)	100 / 10M	
USB	2.USB	
R-STX	-	
RS485	-	
Playback Channel	1	1
Case	1U	

RS99-xxDH

H.264 Full D1 Standalone DVR

Features:

- 16,8,4 cameras with full HD 1080P display and 16,8,4 Channel audio inputs
 - Support D1 realtime recording with 25fps
 - Each channel at D1 recording and playback
 - Support TV,VGA,HDMI synchronous video output
 - H.264 dual encoding streams supported
 - Support 8 SATAs,CD/DVD-RW,USB 3G Wireless and USB Wifi
 - Support TCP/IP protocol,PPPOE,DDNS,USB
- 



Model	RS99-L-DH	RS99-A-DH	RS99-L-DH
Image Resolution	D1		
Max Frame Rate	400 fps at D1	200 fps at D1	100 fps at D1
Video Input	2/4/16		
Compression	H.264		
Dual Streams	Support		
Max Resolution	960*720		
Video Output	1		
Loop/ Matrix Output	-		
Audio Input	16		2/4
Audio Output	2		
Bidirectional Talk	-		
Internal HDD	1 SATA		
External HDD	-		
Alarm I/O	2/16	2/4	2/2
Relay Out	-		
Ethernet(RJ45)	100 / 10M/1000M		
USB	2.USB(USB 3G Wireless and USB Wifi)		
RS232-	-		
RS485-	support		
Playback Channel	16	4	2
Case	1U		



SPECIAL DVR

16,8,4 Channel Combo Standalone DVR

- Up to 16,84 cameras with SXGA(1024*1280) display
- Built-in 19 inch LCD display(768*1366), it can work as a PC monitor with VGA input
- Each channel at CIF and special channel at D1 recording
- Dual encoding streams supported
- TV(BNC)/ HDMI synchronous video output and VGA Input



Model	RS411-VSR	RS4-A-VSR	RS4-ε-VSR
Image Resolution	CIF/D ¹	CIF/D ¹	CIF/D ¹
Max Frame Rate	ε80 ~ ε00 fps at CIF	γε0 ~ γ00 fps at CIF	γ00 ~ γ00 fps at CIF
Video Input	γγ(BNC) ¹ +(VGA)	Δ(BNC) ¹ +(VGA)	ε(BNC) ¹ +(VGA)
Compression		H.γγε - G.γγγ	
Dual Streams		Support	
Max Resolution		γ0γε * γγΔ0	
Video Output		γ(HDMI) ¹ +(BNC)	
Loop/ Matrix Output		γγγγ ¹ γχγγΔ	
Audio Input		ε(BNC)	
Audio Output		γ(BNC)	
Bidirectional Talk		Same with audio in channel γ	
Internal HDD		γ SATA γ.00 HDD	
External HDD		-	
Alarm In	γγ	Δ	ε
Relay Out		γ	
Ethernet(RJε0-)		γ00/γ0M	
USB		USB γ, γ, ports	
RSγγγ-		Support	
RSεΔ0-		Support	
Playback Channel		ε / γ / γ / All	
Case		γγε	

8,4 Channel Combo Standalone DVR

- Built-in 10 inch LCD up to 8,4 cameras with HD display
- Each channel at CIF and special channel at D1 recording
- Dual encoding streams supported
- TV(BNC)/ LCD synchronous video output
- Supports 1 SATA 2.5 inch HDD, 2 USB2.0
- Built-in web server & mobile phone



Model	RS4-A-VC5r	RS4-E-VC5r
Image Resolution	CIF/D1	
Max Frame Rate	25.0 ~ 20.0 fps at CIF	12.0 ~ 10.0 fps at CIF
Video Input	1(BNC)	2(BNC)
Compression	H.264, G.711	
Dual Streams	Support	
Max Resolution	7.0 * 4.0	
Video Output	1(BNC)	
Loop/ Matrix Output	7.0 * 4.0 * 1 * 1	
Audio Input	2(BNC)	
Audio Output	1(BNC)	
Bidirectional Talk	Same with audio in channel 1	
Internal HDD	1 SATA 7.2" HDD	
External HDD	-	
Alarm In	2	
Relay Out	1	
Ethernet(RJ45)	1.0/1.0M	
USB	USB2, 2.0 ports	
RS232C	Support	
RS485	Support	
Playback Channel	External	
Case	11.4	

4.2.1 Channel H.264 Network Video Server

- 4,2,1 Channel video and audio inputs
- 120/100 fps at CIF(4ch), 60/50 fps at half-D2(1ch), 30/25 fps at D1(1ch)
- Hot-swappable SD card for local storage
- PoE,WiFi (optional)
- Built-in web server & mobile phone



Model	RS-NVS1-ED	RS-NVS1-rD	RS-NVS1-D
Video Compression	H.264		
Audio Compression	G.711		
Image Resolution	CIF/1/2CIF/4/16/256	CIF/1/2CIF/4/16	CIF/1/2CIF/4/16
Dual Streams	Support		
Frame Rate	1/2~25fps(CIF)	1/2~25fps(1/2CIF/4/16)	1/2~25fps(D1)
Video input	1 / 2	1 / 2	1 / 1
Video output	1		
Audio input	2	2	1
Audio output	1		
Alarm I/O	2 / 2		
Bidirectional talk Input	1, 2, 3mm JACK MIC		
Audio input	2	2	1
Audio I/O	JACK MIC IN/1		
Local Recording	SD/SDHC		
PoE	-P model support		
Wi-Fi	-W model support		
Ethernet	10/100/1000 base-T		
Network functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Email, Alarm Server		
RS232C	Support		
RS485	Support		
Power	DC12V		

4.2.1 Channel CF Card Mobile Standalone DVR

- 4,2,1 Channel video input and 4,2,1 channel audio input
- D1/HD1/CIF of card recording
- H.264 video compression algorithm ideal
- Multi-information display and recording: Car Number, Time, Channel GPS, Speed, support freely setting of overlay and recording
- The adoption of built-in web server, multi-DVR client & Mobile phone



Model	RS2-ε-MD*	RS2-γ-MD*	RS2-λ-MD*
Image Resolution	CIF/D ¹	CIF ¹ /CIF/HD ¹ /D ¹	CIF ¹ /CIF/HD ¹ /D ¹
Max Frame Rate	12.0 ~ 10.0 fps at CIF	6.0 ~ 5.0 fps at HD ¹	3.0 ~ 2.0 fps at D ¹
Video Input	2(BNC)		1(BNC)
Compression	H.264 - G.711A		
Dual Streams	Support		
Max Resolution	1.024*1280		
Video Output	1(VGA) ¹ +(BNC)		
Loop/ Matrix Output	-		
Audio Input	2(BNC)	2(BNC)	1(BNC)
Audio Output	1(BNC)		
Bidirectional Talk	1(BNC) IN ¹ +1(BNC) OUT		
Internal HDD	1 CF card		
External HDD	-		
Alarm In	4(Low Voltage)		
Relay Out	1		
Ethernet(RJ45-)	100/10M		
USB	USB ¹ , 2.0 port		
RS232C-	Support		
RS485-	Support		
Playback Channel	1		
Case	11.5		

4.1 Channel Full HD Network Video Decoder

- Full HD standalone network video decoder for TV wall monitoring system
- Support multiple devices: Network camera, DVR, NVS
- H.264/MPEG4- dual codec video decoding
- Support multiple resolution decoding:
QCIF/CIF/2CIF/ HD1/D720/1P/1080P
- Up to 1080P display output & various interface: HDMI, VGA and BNC
- Support various split-window modes



Model	RS-NVD 104 HD	RS-NVD 104 HD
main processor	high performance dual-core embedded microprocessor	
Operating system	embedded LINUX	
Video resolution	QCIF/CIF/YCIF/HD/1080P/1080P	
Video Output	1HDMI - 1VGA - 1BNC	1HDMI - 1VGA - 1BNC
Video decoding	1080P Channel, 1080P Channel, 1080P Channel, 1080P Channel, 1080P Channel, 1080P Channel, 1080P Channel, 1080P Channel	1080P Channel, 1080P Channel, 1080P Channel, 1080P Channel, 1080P Channel, 1080P Channel, 1080P Channel, 1080P Channel
Max Frame Rate	30fps	
Display resolution	1080P / 1080P / 1080P / 1080P / 1080P / 1080P / 1080P / 1080P	
Audio Output	1HDMI - 1BNC	1HDMI - 1BNC
Voice Intercom	1 in (BNC) - 1 out (BNC)	
Ethernet(RJ45)	1000/100/10M	
Bit stream type	Video / Audio composite stream / Video stream	
Tour Display	Support, 1/2/3	
Alarm input	16	
Alarm output	1	
Network protocol	HTTP,TCP/IP,UDP,NTP,DHCP, DNS	
USB	USB 2.0 port	
RS232C	support	
RS485	support	
power supply	DC12V, 1A	DC12V, 2A
power consumption	10W	
case	1U	



RASTER



DVR CARD



NVR

RS*1-xxNVR

16,8 Channel 1U standalone Network Video Recorder

Features:

- Dual-core CPU powerful preview, recording, playback and network performance
- H.264/MPEG4- dual codec decoding
- Up to 16 channel at D8, 1 channel at 720P, 4 channel at 1080P realtime recording
- Support 2 SATA HDDs up to 6TB, 2 USB2.0
- Built-in web server & CMS(DSS/PSS)& MSS(Mobile phone)



Model	RS*111-NVR	RS*1-A-NVR	RS*1-E-NVR
IP Camera Input	11ch at D8 / 1ch at 720P / 1ch at 1080P	1ch at D8 / 1ch at 720P / 1ch at 1080P	1ch at D8 / 1ch at 720P / 1ch at 1080P
IP Camera	Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG, SANYO, SONY, ONVIF		
Compression	H.264, MPEG4		
Video Resolution	1080P, 720P		
Recording Rate	up to 32Mbps	up to 16Mbps	up to 8Mbps
Playback Channel	1/16/All		
Hard Disk	SATA * 2, Max 1TB		
Video Output	1 (HDMI) + 1 (VGA)		
Display Resolution	1080P(1080 * 1920)		
Alarm I/O	3 / 16	3 / 8	3 / 4
Ethernet	100/1000/10M		
USB	USB 2.0 * 2		
R-S*22	Support		
R-S*80	Support		
Hardware function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search		
Box	1U		
Power	DC12V / 3.5A		

2-xxHBX

16,8 Channel PCI-Express Video & Audio Full-D1 H.264

Features:

- H.264 video compression algorithm
- 16,8 channel full D1 video realtime compression and dual-stream
- Support TV or VGA output with multi split and four display
- SDK in Windows OS or Linux OS compatible with the previous released
- PCI express interface



Model	RS-C2-11HBX	RS-C2-1AHBX
PCI Standard	PCI-Express 1.1(X)	PCI-Express 1.1(X)
Input	11 channel, BNC(1.0Vp-p, 75Ω)	1 channel, BNC(1.0Vp-p, 75Ω)
Standard	NTSC(30Line, 30f/s), PAL(30Line, 30f/s)	NTSC(30Line, 30f/s), PAL(30Line, 30f/s)
Preview Resolution	1/2CIF(D1)/CIF/QCIF, Realtime	1/2CIF(D1)/CIF/QCIF, Realtime
Compression	H.264	
Encoding Resolution	1/2CIF(D1)/CIF/QCIF, Realtime	
Encoding Speed	Main Stream: 1/2CIF(D1)/CIF/QCIF with 30 ~ 25 fps Extra Stream: CIF/QCIF with 30/25 fps	
RAW Stream	Support, Full-channels at 1/2CIF(D1)/CIF/QCIF	
Output	2 channel TV(BNC)/1 channel VGA 1/2/4/16 display split, Support Tour function	1 channel TV(BNC)/1 channel VGA 1/2/4/16 display split, Support Tour function
Input	11 channel, BNC(1.0Vp-p 1000)	1 channel, BNC(1.0Vp-p 1000)
Compression	PCM(G.711)	
Working Environment	0°C ~ 40°C / 32°F ~ 104°F / 10% ~ 90% RH / 10% ~ 90% humidity	
Power Requirement	0V3.3V, 1.0A ± 0.1A	
Power Consumption	12W	12W
Dimension	170mm * 106mm	170mm * 95mm

RS*2-xxNVR

16,8 Channel 2U standalone Network Video Recorder

Features:

- Dual-core CPU powerful preview, recording, playback and network performance
- H.264/MPEG4- dual codec decoding
- Up to 16 channel at D8, 1 channel at 720P, 4 channel at 1080P realtime Recording
- Support 8 SATA HDDs up to 24TB, 1 eSATA up to 12TB, 4 USB2.0
- Built-in web server & CMS(DSS/PSS)&DMSS(Mobile phone)



Model	RS*211-NVR	RS*2-A-NVR	RS*2-E-NVR
IP Camera Input	11ch at D8 / 1ch at 720P / 1ch at 1080P	1ch at D8 / 1ch at 720P / 1ch at 1080P	1ch at D8 / 1ch at 720P / 1ch at 1080P
IP Camera	Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG, SANYO, SONY, ONVIF		
Compression	H.264, MPEG4		
Video Resolution	1080P, 720P		
Recording Rate	1/25fps at D8 / 1fps at 720P / 1/25fps at 1080P	1/25fps at D8 / 1fps at 720P / 1/25fps at 1080P	1/25fps at D8 / 1fps at 720P / 1/25fps at 1080P
Playback Channel	1/16/All	1/16/All	1/16/All
Hard Disk	1 SATA ports, 1HDDs or 1HDDs + CD/DVD-RW up to 16 TB		
Video Output	1 (HDMI) + 1 (VGA)		
Display Resolution	1080P, 720P		
Alarm I/O	6 / 16	6 / 8	6 / 4
Ethernet	100/1000/10M		
USB	USB 2.0 * 4		
RS*22	Support		
RS*80	Support		
Hardware function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search		
Box	2U		
Power	AC 220V ~ 240V		

RS-C2-xxHB

16,8 Channel Video & Audio Full-D1 H.264 Compression Card

Features:

- H.264 video compression algorithm
- 16,8 channel full D1 video realtime compression, support dual-stream
- Support TV or VGA output with multi split and four display
- SDK in Windows OS or Linux OS compatible with the previous released
- PCI express interface



Model	RS-C2-11HBX	RS-C2-1AHBX
PCI Standard	PCI-Express 1.1(X)	PCI-Express 1.1(X)
Input	11 channel, BNC(1.0Vp-p, 75Ω)	1 channel, BNC(1.0Vp-p, 75Ω)
Standard	NTSC(30Line, 30f/s), PAL(30Line, 30f/s)	NTSC(30Line, 30f/s), PAL(30Line, 30f/s)
Preview Resolution	1/2CIF(D1)/CIF/QCIF, Realtime	1/2CIF(D1)/CIF/QCIF, Realtime
Compression	H.264	
Encoding Resolution	1/2CIF(D1)/CIF/QCIF, Realtime	
Encoding Speed	Main Stream: 1/2CIF(D1)/CIF/QCIF with 30 ~ 25 fps Extra Stream: CIF/QCIF with 30/25 fps	
RAW Stream	Support, Full-channels at 1/2CIF(D1)/CIF/QCIF	
Output	2 channel TV(BNC) 1/2/4/16 display split, Support Tour function	1 channel TV(BNC)/1 channel VGA 1/2/4/16 display split, Support Tour function
Input	11 channel, BNC(1.0Vp-p 1000)	1 channel, BNC(1.0Vp-p 1000)
Compression	PCM(G.711)	
Working Environment	0°C ~ 40°C / 32°F ~ 104°F / 10% ~ 90% RH / 10% ~ 90% humidity	
Power Requirement	0V3.3V, 1.0A ± 0.1A	
Power Consumption	12W	12W
Dimension	170mm * 106mm	170mm * 95mm

RS*4-xxHNS*

16,8 Channel analog and 16 Channel IP 2U Hybrid DVR

Features:

- Dual-core CPU powerful preview, recording, playback and network performance
- Up to 20/24/32 channel with 1080P realtime live view
- Simultaneous realtime playback, GRID interface and smart search
- H.264/MPEG4- decoding & H.264 dual-stream encoding
- IP: 16 channel at D8, 1 channel at 720P, 4 channel at 1080P realtime recording



Model	RS*411-HNS*	RS*4-A-HNS*	RS*4-E-HNS*
IP Camera Input	11ch at D8 / 1ch at 720P / 1ch at 1080P	1ch at D8 / 1ch at 720P / 1ch at 1080P	1ch at D8 / 1ch at 720P / 1ch at 1080P
IP Camera	Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG, SANYO, SONY, ONVIF		
Compression	H.264, MPEG4, G.711		
Video Resolution	1080P, 720P, 4CIF		
Recording Rate	IP: 1/25fps at D8 / 1fps at 720P / 1/25fps at 1080P Analog: 1/25 ~ 1/50fps at D8, 1/25 ~ 1/50fps at CIF		
Playback Channel	1/16/All		
Hard Disk	1 SATA / 1 external SATA Ports		
Video Output	1 (HDMI) + 1 (VGA) + 1 (Spot)		
Display Resolution	1080P, 720P		
Alarm I/O	6 / 16	6 / 8	6 / 4
Ethernet	100/1000/10M		
USB	USB 2.0 * 4, for mouse control and backup		
R-S*22	Support		
RS*80	Support		
Hardware function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search		
Box	2U		
Power	AC 220V ~ 240V		



SPEED DOME IP CAMERA

RS-SD131AH

1.3Mp HD Network PTZ Dome Camera

Features:

- 1.3 Megapixel PS CCD
- Up to 15 fps at 1.3M(30~25 & (960x1280fps at 720P
- H.264 & MPEG4-
- 18x optical zoom, D&N(ICR)
- Max 400 °/s pan speed/IP66



Model	RS-SD131AH
Image Sensor	1,3 "1/1" megapixel progressive scan CCD
Lens	18x optical zoom 4.1~4.0mm
Min Illumination	Color 0.1 Lux, B/W 0.1 Lux
Day/Night	Auto
Compression	H.264, MPEG4
Max Resolution	960x1280
Max Frame Rate	30~25 fps
Audio I/O	1/1
Alarm I/O	1/1
Network Function	HTTP, HTTPS, SSL, TCP/IP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter
ONVIF	ONVIF2.0
Pan/tilt	0.1~0.2 / 0.1~0.2
Local Recording	SD-SDHC
Ingress Protection	IP66
Vandal Proof	-
IR Distance	-
Humidity	70%
Weight	1 kg
Power	AC 24V~A(+/-10%)

RS-SD2020H

2Mp Full HD Network PTZ Dome Camera

Features:

- 2 Megapixel PS Exmor CMOS
- Up to 30~25 fps at 1080P
- H.264 & MPEG4 encoding
- 20x optical zoom, D&N(ICR)
- Max 400/s pan speed/IP67



Model	RS-SD2020H
Image Sensor	2/1" progressive scan Exmor CMOS
Lens	20x optical zoom 4.1~4.0mm
Min Illumination	0.1 Lux, 0.1 Lux
Day/Night	Auto (ICR)
Compression	H.264, MPEG4
Max Resolution	1920x1080
Max Frame Rate	30~25fps at 1080P
Audio I/O	1/1
Alarm I/O	-
Network Function	HTTP, TCP/IP, UPnP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DDNS, PPPOE, DDNS, FTP, IP Filter, alarm server
ONVIF	ONVIF2.0
Pan/tilt	0.1~0.2 / 0.1~0.2
Local Recording	SD-SDHC
Ingress Protection	IP67
Vandal Proof	-
IR Distance	-
Humidity	70%
Weight	1 kg
Power	AC 24V~A(+/-10%)

RS-SD2022H

3Mp Full HD Network PTZ Dome Camera

Features:

- 3 Megapixel Exmor CMOS
- Up to 30~1 fps at 1536*2048
- H.264 & MPEG4 encoding
- 20 x optical zoom, D&N(ICR)
- Max 400 °/s pan speed/IP67



Model	RS-SD2022H
Image Sensor	2,0/1" progressive scan Exmor CMOS
Lens	20x optical zoom 4.1~4.0mm
Min Illumination	Color 0.1Lux, B/W 0.1Lux
Day/Night	Yes
Compression	H.264, MPEG4
Max Resolution	1536x2048
Max Frame Rate	30~1fps
Audio I/O	1/1
Alarm I/O	-
Network Function	HTTP, HTTPS, SSL, TCP/IP, UPnP, ICMP, IGMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter
ONVIF	ONVIF2.0
Pan/tilt	0.1~0.2 / 0.1~0.2
Local Recording	Micro SD-SDHC
Ingress Protection	IP67
Vandal Proof	-
IR Illuminators	-
Humidity	70%
Weight	1 kg
Power	AC 24V~A(+/-10%)

RS-SD12020H

3Mp Full HD Network PTZ Dome Camera

Features:

- 2 Megapixel PS Exmor CMOS
- up to 25 fps at 1080P
- H.264 & MPEG4 encoding
- 20x optical zoom, D&N(ICR)
- Max 240 °/s pan speed/IP66



Model	RS-SD12020H
Image Sensor	2 "2/1" Megapixel progressive scan Exmor CMOS
Lens	20x optical zoom 4.1~4.0mm
Min Illumination	Color 0.1lux, 0.1Lux
Day/Night	Auto (ICR)-color-B/W
Compression	H.264, MPEG4
Max Resolution	1920x1080
Max Frame Rate	25 fps at 1080P
Audio I/O	1/1
Alarm I/O	1/1
Network Function	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, alarm server
ONVIF	ONVIF2.0
Pan/tilt	0.1~0.2 / 0.1~0.2
Local Recording	Micro SD/SDHC
Ingress Protection	IP66
Vandal Proof	-
IR Distance	Auto, 100 meters
Humidity	70%
Weight	1 kg
Power	AC 24V~A(+/-10%)

RS-SD131AH

1.3Mp HD Network IR PTZ Dome Camera

Features:

- 1.3 Megapixel PS CCD
- up to 15 fps at 960*1280
- H.264 & MPEG4 encoding
- 18x optical zoom, D&N(ICR)
- Max 240 °/s pan speed/IP66



Model	RS-SD131AH
Image Sensor	1,3 "2/1" Megapixel progressive scan CCD
Lens	18x optical zoom 4.1~4.0mm
Min Illumination	Color 0.1lux, B/W 0.1 Lux
Day/Night	Auto (ICR)
Compression	H.264, MPEG4
Max Resolution	960x1280
Max Frame Rate	30~25fps
Audio I/O	1/1
Alarm I/O	1/1
Network Function	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter,
ONVIF	ONVIF2.0
Pan/tilt	0.1~0.2 / 0.1~0.2
Local Recording	Micro SD-SDHC
Ingress Protection	IP67
Vandal Proof	-
IR Distance	100 meters
Humidity	70%
Weight	1 kg
Power	AC 24V~A(+/-10%)



IP CAMERA

RS-IPxxHF

5,3,2,1.3 "3/1 MP Aptina CMOS Image Sensor

Features:

- 1.3,2,3,5 Megapixel CMOS HD IP Camera
- Up to 30~25 fps, CS lens
- H.264 & MJPEG encoding
- D&N(ICR), Auto Iris, SD, SDHC card
- DC12V/AC24V, PoE, WiFi (optional)



Model	RS-IPxx-HF	RS-IPxxx-HF	RS-IPxxx-HF	RS-IPxxx-HF
Image Sensor	5 Megapixel Aptina CMOS	3 Megapixel Sony Progressive Scan Exmor CMOS	2 Megapixel Sony Progressive Scan Exmor CMOS	1.3 Megapixel Aptina CMOS image sensor
Lens	CS			
Min Illumination	Color 0.1 LUX,B/W 0.01LUX	Color 0.1 LUX,B/W 0.01 LUX	Color 0.1 LUX,B/W 0.1 LUX	Color 0.1 LUX,B/W 0.005 LUX
Day/Night	ICR			
Compression	H.264,MJPEG			
Max Resolution	1920*1080	1080*720	1080*1920	960*720
Max Frame Rate	30~25fps			
Audio I/O	1	1/1		
Alarm I/O	1/1			
Network Function	HTTP, TCP/IP, ICMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server			
ONVIF				ONVIF1.0
Wi-Fi	optional			
Local Recording	SD-SDHC			
Ingress Protection	-			
Vandal Proof	-			
IR Distance	-			
Humidity	90%			
Weight	100 g			
Power	DC12V, AC24V, PoE			

RS-IPxxHD-I

3Mp CMOS Full HD Vandal-proof Network Dome Camera

Features:

- 3 Megapixel PS Exmor CMOS
- Up to 30~25 fps, 10~4.5mm lens
- IR distance: 20~10 meters
- H.264 & MJPEG encoding
- D&N(ICR), Auto Iris, Micro SD card
- IK10, IP66, AC24V/DC12V, PoE, WiFi (optional)



Model	RS-IPxxHD	RS-IPxxHD-I
Image Sensor	3 Megapixel SONY progressive scan Exmor CMOS	
Lens	CS mount, Auto Iris, 10~4.5mm	
Min Illumination	Color 0.1 LUX, B/W 0.1 LUX, 0.1 LUX (IR on)	
Day/Night	ICR	
Compression	H.264, MJPEG	
Max Resolution	1920*1080	1080*1920
Max Frame Rate	30~25 fps at 1080P resolution	
Audio I/O	1/1	
Alarm I/O	1/1	
Network Function	HTTP, TCP/IP, ICMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server	
ONVIF	ONVIF1.0	
Wi-Fi	-	
Local Recording	Micro SD	
Ingress Protection	IP60	
Vandal Proof	IK10	
IR Distance	-	20~10 meters
Humidity	90%	
Weight	200 g	
Power	DC12V-AC24V- PoE	

RS-IPxxHI

3 Mp CMOS Full HD Waterproof IR Network Camera

Features:

- 3 Megapixel PS Exmor CMOS
- Up to 30~25fps, 16~8mm lens
- IR distance: 30~20 meters
- H.264 & JPEG encoding
- D&N(ICR), Auto Iris, Micro SD card
- IP66, AC24V/DC12V, PoE, WiFi (optional)



Model	RS-IPxxHI	RS-IPxxHI
Image Sensor	3Mp Exmor CMOS	1.3 Mp SONY progressive scan CCD
Lens	CS mount-auto iris 16~8mm	
Min Illumination	Color 0.1 lux, B/W 0.1 Lux	
Day/Night	ICR	
Compression	H.264, JPEG	
Max Resolution	1920*1080	960*720
Max Frame Rate	30~25 fps	25 fps
Audio I/O	1/1	
Alarm I/O	1/1	
Network Function	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, alarm server	
ONVIF	ONVIF1.0	
Wi-Fi	optional	
Local Recording	Micro SD	
Ingress Protection	IP66	
Vandal Proof	-	
IR Distance	30~20 meters	20 meters
Humidity	90%	
Weight	200 kg	
Power	DC12V-AC24V-PoE	

RS-IPxxHFD

1.3 Mp CMOS Full HD Vandal-proof Network Mini Dome

Features:

- 1.3 Megapixel PS Exmor CMOS
- Up to 30~25 fps at 1080P, 8/6/4/2.8mm optional
- H.264 & MJPEG-JPEG encoding
- D&N(ICR), Auto Iris, Micro SD card
- IP66, DC12V, PoE, WiFi (optional)



Model	RS-IPxxHFD	RS-IPxxHFD
Image Sensor	1.3 Megapixel SONY progressive scan Exmor CMOS	1.3 Megapixel Aptina CMOS image sensor
Lens	2.8mm	
Min Illumination	Color 0.1 lux, B/W 0.1 lux	Color 0.1 lux, B/W 0.1 lux
Day/Night	Electronic	
Compression	H.264, MJPEG	H.264, MJPEG, JPEG
Max Resolution	1080*1920	960*720
Max Frame Rate	30~25 fps	10~1 fps
Audio I/O	-	
Alarm I/O	-	
Network Function	HTTP, HTTPS, SSL, TCP/IP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DDNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, Alarm server	
ONVIF	ONVIF1.0	
Wi-Fi	optional	
Local Recording	Micro SD	
Ingress Protection	IP66	
Vandal Proof	IK10	
IR Distance	-	
Humidity	90%	
Weight	400 g	
Power	DC12V- PoE	

RS-IPxxHC

3Mp CMOS Full HD Water-proof IR Network Camera

Features:

- 2,3"2.8/1 Megapixel PS Exmor CMOS
- Up to 30~25 fps, 12-3.3 mm lens
- IR distance: 20~10 meters
- H.264 & MJPEG encoding
- D&N(ICR), Auto Iris, Micro SD card
- IK10, IP66, AC24V/DC12V, PoE, WiFi (optional)



Model	RS-IPxxHC	RS-IPxxHC
Image Sensor	3 Mp CMOS Full HD Camera	2 "2/1" Mp SONY progressive scan Exmor CMOS
Lens	12-3.3mm	
Min Illumination	Color 0.1 LUX, B/W 0.1 LUX, 0.1 Lux (IR ON)	
Day/Night	ICR	
Compression	H.264, MJPEG	
Max Resolution	1920*1080	1080*1920
Max Frame Rate	25~1 fps	30~25 fps
Audio I/O	1/1	
Alarm I/O	1/1	
Network Function	HTTP, TCP/IP, ARP, IGMP, ICMP, RTSP, RTP, UDP, RTCP, SMTP, FTP, DHCP, DNS, DDNS, PPPOE, UPnP, NTP, Bonjour, SNMP	
ONVIF	ONVIF1.0	
Wi-Fi	optional	
Local Recording	microSD	
Ingress Protection	IP66	
Vandal Proof	IK10	
IR Distance	20~10 meters	
Humidity	90%	
Weight	1.20 kg	
Power	DC12V (AC24V optional) - PoE	

RS-IP1xxHI

1.3 MP Aptina CMOS Image Sensor

Features:

- 1.3 Megapixel PS Exmor CMOS
- Up to 25 fps , 4mm (3.6mm optional) lens
- IR distance: 20 meters
- H.264 & MJPEG encoding
- D&N (ICR), Micro SD card
- IK10, IP66, AC24V/DC12V, PoE, WiFi (optional)



RS-IP11FB

3/1" CCD H.264 IP Camera

Features:

- 3/1" SONY Super HAD CCD
- Up to 30~25fps at D1/HD1/CIF/NGA
- H.264 & JPEG, Dual-codec
- auto iris-CS mount, SD-SDHC card
- Alarm I/O, RS485- and RS232-, Wi-Fi, PoE



RS-IP2100HDB-W

2"3/1 MP CMOS Full HD Vandal-proof Camera

Features:

- 2 Megapixel PS Exmor CMOS
- Up to 25 fps , 9~3 mm lens
- IR distance: 20 meters
- H.264 & MJPEG encoding
- D&N (ICR), Micro SD card
- IK10, IP66, AC24V/DC12V, PoE, WiFi (optional)



Model	RS-IP1xxHI	RS-IP1xxHI
Image Sensor	1,3 "3/1" Megapixel Aptina CMOS	1 "3/1" Megapixel Aptina CMOS
Lens	4mm (3,6mm,4mm optional)	1mm (1,1mm,1mm optional)
Min Illumination	Color 0,1Lux, B/W 0,05Lux , 0LUX(IR On)	
Day/Night	ICR	
Compression	H.264,MJPEG	
Max Resolution	960*1280	
Max Frame Rate	30~25 fps	
Audio I/O	-	
Alarm I/O	-	
Network Function	HTTP, TCP/IP, IPv6/IPv4, ARP, IGMP, ICMP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, UPNP, NTP, Bonjour, SNMP, Onvif	
ONVIF	ONVIF2.0	
Wi-Fi	optional	
Local Recording	micro SD	
Ingress Protection	IP66	
Vandal Proof	IK10	
IR Distance	20 meters	
Humidity	90%	
Weight	0,25 kg	
Power	DC12V, AC24V, PoE	DC12V, PoE

Model	RS-IP11FB
Image Sensor	3/1" Super HAD CCD
Lens	auto iris-CS mount
Min Illumination	0,1Lux
Day/Night	Yes
Compression	H.264,JPEG
Max Resolution	576*704
Max Frame Rate	30~25fps at D1
Audio I/O	1 / 1
Alarm I/O	1/2
Network Function	HTTP, TCP/IP, ICMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server
ONVIF	ONVIF2.0
Pan/Tilt	-
Local Recording	SD-SDHC
Ingress Protection	-
Vandal Proof	-
IR Distance	-
Humidity	90%
Weight	150 g
Power	DC12V, PoE

Model	RS-IP2100HDB-W
Image Sensor	2 "3/1" Megapixel Aptina CMOS
Lens	9~3 mm
Min Illumination	Color 0,1Lux, B/W 0,05Lux , 0LUX(IR On)
Day/Night	ICR
Compression	H.264,MJPEG
Max Resolution	960*1280
Max Frame Rate	30~25 fps
Audio I/O	-
Alarm I/O	-
Network Function	HTTP, TCP/IP, IPv6/IPv4, ARP, IGMP, ICMP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, UPNP, NTP, Bonjour, SNMP, Onvif
ONVIF	ONVIF2.0
Wi-Fi	optional
Local Recording	micro SD
Ingress Protection	IP66
Vandal Proof	IK10
IR Distance	- 20 meters
Humidity	90%
Weight	1,25 kg
Power	DC12V, AC24V, PoE

RS-IP1200-D

1.3 MP Aptina CMOS Image Sensor

Features:

- 1.3 Megapixel PS Exmor CMOS
- Up to 15 fps at 1.3 M, 30~25 fps at 720P 3.6 mm (2.8,8 mm optional) lens
- IR distance: 20 meters
- H.264 & MJPEG encoding
- D&N (ICR), Micro SD card
- IK10, IP66, AC24V/DC12V, PoE, WiFi (optional)



RS-IP1100-C-W

1.3 MP Aptina CMOS Image Sensor

Features:

- 1.3 Megapixel PS Exmor CMOS
- Up to 25 fps , 3.6 mm, IR distance: 10 meters
- H.264 & MJPEG encoding
- D&N (ICR), Micro SD card
- IK10, IP66, DC5V, PoE, WiFi (optional)



Model	RS-IP1200-D
Image Sensor	1,3 "3/1" Megapixel Aptina CMOS
Lens	3,6 mm (2,8,8 mm optional)
Min Illumination	Color 0,1Lux, B/W 0,05Lux , 0LUX(IR On)
Day/Night	ICR
Compression	H.264,MJPEG
Max Resolution	960*1280
Max Frame Rate	30~25 fps
Audio I/O	-
Alarm I/O	-
Network Function	HTTP, TCP/IP, IPv6/IPv4, ARP, IGMP, ICMP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, UPNP, NTP, Bonjour, SNMP, Onvif
ONVIF	ONVIF2.0
Wi-Fi	optional
Local Recording	micro SD
Ingress Protection	IP66
Vandal Proof	IK10
IR Distance	20 meters
Humidity	90%
Weight	0,288 kg
Power	DC12V, PoE

Model	RS-IP1100-C-W
Image Sensor	1,3 "3/1" Megapixel Aptina CMOS
Lens	3,6 mm
Min Illumination	Color 0,1Lux, B/W 0,05Lux , 0LUX(IR On)
Day/Night	ICR
Compression	H.264,MJPEG
Max Resolution	960*1280
Max Frame Rate	15 fps at 1,3 M, 30~25 fps at 720P
Audio I/O	-
Alarm I/O	-
Network Function	HTTP, TCP/IP, IPv6/IPv4, ARP, IGMP, ICMP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, UPNP, NTP, Bonjour, SNMP, Onvif
ONVIF	ONVIF2.0
Wi-Fi	- Yes
Local Recording	-
Ingress Protection	IP66
Vandal Proof	IK10
IR Distance	10 meters
Humidity	90%
Weight	1 kg
Power	DC5V

VMS Partners

SUPPORT LIST



Pro surveillance system



E-map

Live View

- DSS is used for large-scale and mission critical applications
- The central management and intuitive access clients make it easy to install, use and manage
- Distributed architecture supports unlimited sites, servers and users
- High stability and reliability: load balancing, dynamic cluster, hot standby and watchdog technology
- Remote management, monitoring, playback, download, central storage
- Multiple screens display E-map, monitoring windows, alarm alerts in different sites
- PTZ, bidirectional talk, camera settings, color adjustment and other setting
- Support DVR, video server, IP camera and other network products connection
- Application client and web client can be used for different users

Model	PSS
Device to Use	
Supported Devices	DVR, video server, IP cameras, decoders
Max Register device	support 1000 Channels
Device Management	Add, delete, reboot, configuration, bidirectional talk
Health Report	Device status, Alarm info
Live Monitoring	
Video Display split	Full screen and 16/9/4/3/2/1...8/7/6/5/4/3/2/1)H/V/I/P/A/Z/S/Y)
Launches instant play	DVR, video screen, IP camera
PTZ Control	Direction, Pan,Tilt,Focus,Iris, Preset, Tour, Pattern
Snapshot	Supported
Local Record	Supported
Video Information	Camera title, time, video loss
Playback	
Video Source	Local PC, device itself, storage server
Search Type	Certain time, timing, motion detection, alarm, card
Digital Zoom	Supported
Snapshot	Supported
Alarm Signal Monitoring	
Alarm Type	External alarm, video loss, motion detection, camera masking, others
Play Warning Sound or Message	Supported
Camera Blank	Trigger recording, PTZ movement, tour, alarm
Set Up	A certain period of time of a day, a certain types of alarms, Automated notifications to user, Schedules actions against alarms
Map	
Number of Maps	Map group: Unlimited, Sub-Map, Layout:16
Supports Image	JPEG/BMP
System Requirement	
CPU	Intel Core iDuo E1V0+, RAM:1GB above
Video memory	>12MB
HDD	^ GB above
OS	Window XP / Vista, Direct X ^+ above
Display	VGA * 1024 above

Digital surveillance system



Playback

Live View

Features:

- Register up to 1000 channels connection and 36 live viewing at 1 screen, support max 12*12(144) viewing extension
- Support DVR, video server, IP camera, decoders and other network products connection Remote surveillance anytime and anywhere
- PTZ, bidirectional talk, camera settings, color adjustment
- Support device management, configuration, reboot and other operation
- Support decoders to realize the virtual matrix system and video wall
- Support video monitoring project, layout configuration, recording plan
- Health report can provide the device status and other information
- Video search can be from the local PC, device itself and from other storage center
- Used for the central monitoring system

Model	ISS
Device to Use	
Supported Devices	DVR, video server, IP cameras, decoders etc.
Max Register device	support 1000 Channels
Device Management	Add, delete, reboot, configuration, bidirectional talk
Health Report	Device status, Alarm info
Central Management(DSS Server)	
User Management	1 type: administrator and operator
Device Management	Add, delete and modify the device
E-map	Add, delete and modify the map and device
Server	CMS, MTS, DMS, SS, VMS
Status	Log record, device status, user status
Live Monitoring (DSS Client)	
Video Display Split	Full screen and 1/2/3/4/5/6/7/8/9/16
Launches Instant Play	DVR, Video server, IP camera
PTZ Control	Directions, Pan, Tilt, Zoom, Focus, Iris, Preset, Tour, Pattern
Snapshot	Supported
Local Record	Supported
Video Information	Camera title, time, video server
Playback	
Video Source	Local PC, device itself, storage server
Search Type	Certain time, timing, motion detection, alarm, card
Digital Zoom	Supported
Snapshot	Supported
Alarm Signal Monitoring	
Alarm Type	External alarm, video loss, motion detection, camera masking, others
Play Warning Sound or Message	Supported
Camera Blank	Trigger recording, PTZ movement, tour, alarm
Set Up	A certain period of time of a day, a certain types of alarms, Automated notifications to user, Schedules actions against alarms
MAP	
Number of Maps	Map group: Unlimited, Sub-Map, Layout:16
Supports Image	JPEG/BMP

Mobile Phone surveillance software



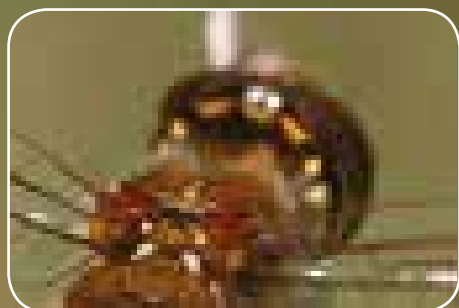
- Multiple smart phones can be used, like iPhone, iPad, Android, Blackberry, Symbian, Windows Mobile
- Remote surveillance anytime and anywhere
- Privacy is highly protecting by authorization mechanism
- Up to 4 channels live display
- Remote control for PTZ camera
- Connection up to 32/16/8/4 channels
- The connection information is saved automatically
- Compatible with Raster DVR, IP cameras and video servers

PC DVR software



- Up to 64 IP channels
- Support megapixel resolution recording
- Multiple monitors display
- Intelligent recording search
- Instantly playback
- Playback multiple cameras from multiple sites simultaneously
- Alarm/I/O integration
- Support dual-stream video transmission
- Powerful NVR+client/CMS management
- Website video integration

128 channel Super Network Video Recorder



IPC support List:

RS1000-NVR

128 Channel Super Network Video Recorder



Features:

- Max 128ch IP cameras connection
- Support a wide range of the 3rd party IP cameras
- Up to 32 channel HD realtime live view
- Up to 6-screen output: 6 HDMI sync output/1 VGA+5 HDMI sync output
- Support 16 hot-swappable SATA HDDs to better its expandability and flexibility
- Support multiple RAID mode such as RAID0, RAID1 and RAID5

Model	RS1000-NVR
main processor	intel @core i5™ processors
operating system	embedded LINUX
memory	4GB DDR3 (up to 8GB)
case	patented pull-out rack design -dual ball screw bearing fan , MTBF>100,000h
video input	128ch at D1/1ch at 720P/128ch at 1080P
preview & playback	1ch at 1080P/1ch at 720P/128ch at D1
recording mode	manual, schedul(regular), MD(video detection : motion detection, camera blank, video loss
alarm recording	video loss, camera blank, motion detection, External alarm
backup mode	network download/USB HDD/USB CD&DVD-RW/eSATA Device
video output	1HDMI, or 1ch VGA and 5ch HDMI sync video output
hard disk	16 SATAII
HDD mode	single, raid 0, raid 1, raid 5
network	100/10/10M ports
alarm I/O	8/16
USB	2 USB ports
eSATA	1 eSAT
Power	100V~240V ac- 12-15VHz-<150w (include HDD)



ANALOG CAMERA

RSY2-SHxx

3/1" Sony Super HAD CCD

Features:

- 3/1" Sony super HAD CCD
- Up to 700 TVL0- Lux IR On
- with 2D3-D DNR,MD,DWDR,DSS
- IR distance:120 meters, 20~8 mm Manual Zoom Lens
- DC12V-IP66



Model	RS - Y2-SH1	RS - Y2-SH1
Signal System	PAL/NTSC	
Image Sensor	2/1" Sony super HAD CCD	
Effective Pixel	PAL:111(H)*511(V) NTSC:111(H)*511(V)	PAL:111(H)*511(V) NTSC:111(H)*511(V)
Resolution	Y00 TVL	Y00 TVL
Low illumination	Lux (IR On)	
OSD	Yes	-
Function	SWDR,MD,FT,BLC,AGC,WBC,TD DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,TD DNR, HLC,DSS
Day/Night	-	
S/N ratio	≥115dB(AGC OFF)	
Electronic shutter	PAL:1000,1000/1000/s	
Control	-	
Lens	Y00~mm Manual Zoom Lens	
LED Wave length	-	
IR Distance	Y00 meters	
D&W Resistance	IP66	
Temperature	00~+00	
Humidity	RH/100 Max	
Weight	Y00 kg	
Power	DC12V 000mA	

RSY3-SHxx

3/1" Sony Super HAD CCD

Features:

- 2/1" Sony super HAD CCD
- Up to Y00 TVL- Lux
- with , SWDR, TD DNR, MD,mirror
- IR distance: 100 meters, Y00mm Lens
- DC12V-IP66



Model	RS - Y3-SH1	RS - Y3-SH1
Signal System	PAL/NTSC	
Image Sensor	2/1" Sony super HAD CCD	
Effective Pixel	PAL:111(H)*511(V) NTSC:111(H)*511(V)	PAL:111(H)*511(V) NTSC:111(H)*511(V)
Resolution	Y00 TVL	Y00 TVL
Low illumination	Lux (IR On)	
OSD	Yes	
Function	SWDR,MD,FT,BLC,AGC,WBC,MD,TD DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,MD,TD DNR, HLC,DSS
Day/Night	Auto-color-B/W-external control	
S/N ratio	≥50db (AGC OFF)	
Electronic shutter	PAL:1000000/1000/s	
Control	-	
Lens	Y00 mm (Y00 optional)	
LED Wave length	-	
IR Distance	100 meters	
D&W Resistance	IP66	
Temperature	00~C~00+C	
Humidity	RH/100	
Weight	Y00kg/Y00kg	
Power	DC12V	

RSY10-SHxx

3/1" Sony Super HAD CCD

Features:

- 3/1" Sony super HAD CCD
- Up to 700 TVL0-Lux IR On
- with, sense up, SWDR3-D DNR, DSS
- IR distance: 70~50 meters, 12~2.8 mm lens
- DC12V-IP66



Model	RS - Y10-SH1	RS - Y10-SH1
Signal System	PAL/NTSC	
Image Sensor	2/1" Sony super HAD CCD	
Effective Pixel	PAL:111(H)*511(V) NTSC:111(H)*511(V)	PAL:111(H)*511(V) NTSC:111(H)*511(V)
Resolution	Y00 TVL	Y00 TVL
Low illumination	Lux (IR On)	
OSD	Yes	
Function	SWDR,MD,TD DNR,FT,AGC,WBC, HLC,DSS	DWDR,MD,TD DNR,AGC,HLC,DSS
Day/Night	Auto-color-B/W-external control	
S/N ratio	≥ 50db (AGC OFF)	
Electronic shutter	PAL:1000000/1000/s	
Control	-	
Lens	Y00~mm lens(Y00~mm optional)	
LED Wave length	-	
IR Distance	Y00 meters	
D&W Resistance	IP66	
Temperature	00~C~00+C	
Humidity	RH/100 MAX	
Weight	Y00 kg	
Power	DC12V/AC12V(optional)	

RSY19-SHxx

3/1" Sony Super HAD CCD

Features:

- 3/1" Sony super HAD CCD II
- Up to 700 TVL 0 Lux IR On
- with DWDR, MD, 2D DNR,DSS
- IR distance : 60 meters, 12~2.8 zoom lens
- DC 12V-IP66



Model	RS - 19-SH1	RS - 19-SH1	RS - 19-SH
Signal System	PAL/NTSC		
Image Sensor	1/1" sony super HAD CCD II		
Effective Pixel	PAL:1120(H)*911(V) NTSC:1120(H)*911(V)	PAL:1120(H)*911(V) NTSC:1111(H)*911(V)	PAL:1120(H)*911(V) NTSC:1111(H)*911(V)
Resolution	1100 TVL	1100 TVL	1100 TVL
Low illumination	1 Lux (IR On)		
OSD	Yes		
Function	SWDR,FT,BLC,AGC,WBC,MD,TD DNR, HLC,DSS	WDR,MD,BLC,AGC,WBC,TD DNR, HLC,DSS	
Day/Night	Yes		
S/N ratio	≥65db	≥50db	
Electronic shutter	PAL:11111111/1s		
Control	-		
Lens	112-11.4 or 11-11 manual zoom		
LED Wave length	-		
IR Distance	11 meters with 1111 PCS infrared LED		
D&Wa Resistance	IP11		
Temperature	011-11 °C ± 11 C		
Humidity	RH 1111 MAX		
Weight	11111 g		
Power	DC111V1111mA		

RSY18-SHxx

3/1" Sony Super HAD CCD

Features:

- 3/1" Sony super HAD CCD
- up to 700TVL01-Lux IR On
- with DWDR, 3D DNR, MD, DSS
- IR distance: 40~30 meters, 12~2.8mm
- DC12V-IP66



Model	RS - 1٤0SH٢	RS - 1٤0SH٢	RS - 1٤0SH
Signal System	PAL/NTSC		
Image Sensor	٢/1"sony super HAD CCD		
Effective Pixel	PAL: 1٠٢٠ (H)*٥٩٦(V)-NTSC:1٠٢٠ (H)*٥٠٨(V)	PAL: ٧٩٥(H)*٥٩٦(V)-NTSC:٨11(H)*٥٠٨(V)	
Resolution	٧٠٠ TVL	٦٥٠ TVL	٦٠٠ TVL
Low illumination	٠ Lux (IR On)		
OSD	Yes		
Function	SWDR,MD,FT,BLC,AGC,WBC,٢D DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,٢D DNR, HLC,DSS	
Day/Night	Yes		
S/N ratio	≥65db	≥54db	
Electronic shutter	1.....1~ (1/1)٥.0/s		
Control	-		
Lens	1٢~٢,٨mm or ٩~٤ mm		
LED Wave length	-		
IR Distance	٤.~٢٠ meters with ٢٦٠٠ PCS infrared LED		
D&W Resistance	IP1٦		
Temperature	٥1.٠ - C ~٥٠.٠ + C		
Humidity	RH/٩٥ MAX		
Weight	٨٠٠ g		
Power	DC1١V ٢٥٠ mA		

RS1E--SHxx

3/1" Sharp CCD

Features:

- 3/1" sharp CCD
- Up to 700 TVL0.001-Lux
- with DWDR, 3D DNR, MD, mirror
- IR distance: 40 meters, CS lens 6mm
- DC12V-IP66



RS11-SHxx

3/1" Sony Super HAD CCD

Features:

- 3/1" sony super HAD CCD
- Up to 700 TVL0- Lux IR On
- with MD,3D DNR,DSS
- IR distance: 35 mters, 6 mm lens
- DC12V-IP66



RS1O--SHxx

3/1" Sony Super HAD CCD

Features:

- 3/1" sony super HAD CCD
- Up to 700 TVL- 0 Lux IR On
- with DWDR, 3D DNR, MD
- IR distance: 30 meters , 9~4 or 12~2.8 zoom lens
- DC12V-IP66



Model	RS1E--SH*	RS - 1E-SH*	RS - 1E-SH
Signal System	PAL/NTSC		
Image Sensor	1/1" sharp CCD		
Effective Pixel	PAL:1020 (H)*096(V) , NTSC:1020 (H)*096(V)	PAL: 996(H)*492(V),NTSC:996(H) *492(V)	PAL: 996(H)*492(V),NTSC:996(H) *492(V)
Resolution	700 TVL	600 TVL	600 TVL
Low illumination	0.001Lux		0.01Lux
OSD	Yes		
Function	SWDR,MD,FT,BLC,AGC,WBC,*D DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,*D DNR, HLC,DSS	
Day/Night	-		
S/N ratio	≥65db		≥50db
Electronic shutter	1/1000~1/5000s		
Control	-		
Lens	CS lens 6mm		
LED Wave length	-		
IR Distance	40 meters with 42*PCS infrared LED		
D&W Resistance	IP66		
Temperature	0~50 C ~-20~+50 C		
Humidity	RH %90 MAX		
Weight	1.6 kg		
Power	DC 12V (+/-0.1V) 100~150 mA		

Model	RS - 11SH*	RS - 11SH*
Signal System	PAL/NTSC	
Image Sensor	1/1"sony super HAD CCD	
Effective Pixel	PAL: 1020 (H)*096(V), NTSC:1020 (H)*096(V)	PAL: 996 (H)*492(V), NTSC:996(H)*492(V)
Resolution	700 TVL	600 TVL
Low illumination	0 Lux(IR On)	
OSD	Yes	
Function	SWDR,MD,*DDNR,FT,AGC,WBC,HLC,BLC,DSS	DWDR,MD,*DDNR,AGC,HLC,BLC,DSS
Day/Night	Yes	
S/N ratio	≥54db (AGC OFF)	
Electronic shutter	PAL:1/1000~1/5000s	
Control	-	
Lens	6 mm (6.8 mm optional)	
LED Wave length	-	
IR Distance	30 meters	
D&W Resistance	IP66	
Temperature	0~50 C ~-20~+50 C	
Humidity	RH%90 MAX	
Weight	1 kg	
Power	DC12V	

Model	RS - 10-SH*	RS - 10-SH*	RS - 10-SH
Signal System	PAL/NTSC		
Image Sensor	1/1" sony super HAD CCD		
Effective Pixel	PAL:996(H)*492(V), NTSC:996(H)*492(V)	PAL:996 (H)*492(V), NTSC:996(H)*492(V)	PAL:996 (H)*492(V), NTSC:996(H)*492(V)
Resolution	700 TVL	600 TVL	600 TVL
Low illumination	0 Lux(IR On)		
OSD	Yes		
Function	SWDR,MD,FT,BLC,AGC,WBC,*D DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,*D DNR, HLC,DSS	
Day/Night	Yes		
S/N ratio	≥65db (AGC OFF)	≥50db (AGC OFF)	
Electronic shutter	PAL:1/1000~1/5000s		
Control	-		
Lens	9~4 or 12~2.8 manual zoom lense		
LED Wave length	-		
IR Distance	30 meters with 36PCS infrared LED		
D&W Resistance	IP66		
Temperature	0~50℃ ~-20~+50℃		
Humidity	RH%90 MAX		
Weight	2.1 kg		
Power	DC12V - 150 mA		

RS13-SHxx

3/1" Sony Super HAD CCD

Features:

- 3/1" Sony super HAD CCD
- Up to 700 TVL0- Lux (IR On)
- with DWDR, MD, WBC, 3DDNR, mirror, DSS
- IR distance: 40~30 meters, 12~2.8 mm zoom lens
- DC12V-IP66



RS12--SHxx

3/1" Sony Super HAD CCD

Features:

- 3/1"sony super HAD CCD II
- Up to 700TVL- 0 Lux IR On
- with DWDR, MD, 3D DNR, mirror
- IR distance: 20 meters ,3.6mm
- DC12V -IP66



RSO0--SH*

3/1" Sony Super HAD CCD

Features:

- 3/1" Sony super HAD CCD
- Up to 650 TVL0.003-Lux (F1.2)
- DWDR,DSS,3D DNR,MD,WBC
- DC Auto iris function
- DC12V



Model	RS - 13SH*	RS - 13SH*
Signal System	PAL/NTSC	
Image Sensor	1/1" sony super HAD CCD	
Effective Pixel	PAL: 996 (H)*492(V),NTSC:996(H)*492(V)	
Resolution	700 TVL	600 TVL
Low illumination	0 Lux (IR On)	
OSD	Yes	
Function	SWDR,MD,FT,BLC,AGC,WBC,*D DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,*D DNR, HLC-DSS
Day/Night	Yes	
S/N ratio	≥50db	
Electronic shutter	1/1000~1/5000s	
Control	-	
Lens	12~2.8 mm(9~4 mm,12~4mmoptional)	
LED Wave length	-	
IR Distance	30 meters with 36*PCS infrared LED	
D&W Resistance	IP66	
Temperature	0~50 C ~-20~+50 C	
Humidity	RH%90	
Weight	1.20 kg	
Power Supply	DC12V	

Model	RS - 12-SH*	RS - 12-SH*	RS - 12-SH
Signal System	PAL/NTSC		
Image Sensor	1/1"sony super HAD CCD II		
Effective Pixel	PAL: 1020 (H)*096(V), NTSC:1020 (H)*096(V)	PAL: 996 (H)*492(V), NTSC:996 (H)*492(V)	PAL: 996 (H)*492(V), NTSC:996 (H)*492(V)
Resolution	700 TVL	600 TVL	600 TVL
Low illumination	0 Lux (IR On)		
OSD	Yes		
Function	SWDR,MD,FT,BLC,AGC,WBC,*D DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,*D DNR, HLC,DSS	
Day/Night	Yes		
S/N ratio	≥65db	≥50db	
Electronic shutter	1/1000~1/5000/s		
Control	-		
Lens	Board lens 3.6mm(F/1.8)		
LED Wave length	-		
IR Distance	30 meters with 36PCS infrared LED		
D&W Resistance	IP66		
Temperature	0~50℃ ~-20~+50℃		
Humidity	RH%90		
Weight	120 g		
Power Supply	DC12V (+/-0.1V) 100~150 mA		

Model	RSO0--SH*
Signal System	PAL
Image Sensor	1/1"sony super HAD CCD
Effective Pixel	PAL:996(H)*492(V) NTSC:996(H)*492(V)
Resolution	600 TVL
Low illumination	0.003Lux
OSD	-
Function	OSD,DWDR,DSS,*D DNR,MD,BLC,AGC,HLC,WBC,MASK
Day/Night	-
S/N ratio	≥52db
Electronic shutter	1/1000~1/5000s
Control	-
Lens	DC Auto iris function
LED Wave length	-
IR Distance	-
D&W Resistance	-
Temperature	0~50 C ~-20~+50 C
Humidity	RH%90 MAX
Weight	0.50 kg
Power Supply	DC 12V

RASTER



Speed Dome Camera

RS-SDIR1A-C

4/1" High Speed Dome PTZ Camera

Features:

- 4/1" Exview HAD CCD
- 0.01 Lux- 540 TVL
- Focal length: 98~3.6mm
- Pan/Tilt speed: °120~°0 /°300~°0
- AC24V,IP66



Model	RS-SDIR1A-C
Image sensor	1/1" Exview HAD CCD
Active pixels	790(H)*596(V)
Horizontal resolution	540 TVL
Low illumination	0.01 Lux
Focal length	98~3.6mm
function	ICR-DSS-DNR
Electronic shutter	1/1000~1/10000s
Pan speed	0.1~0.5/s
Tilt speed	0.1~0.5/s
Pan range	0~360 continuously
Tilt range	0~180° auto overturn
Hardware function	Scan-preset (1, 128 cruising tracks)-pattern
Communication	Multi-protocol- RS485
Working T/H	0~50°C~0~50°C
IR distance	100 meters
IP Grade	IP66
Humidity	20%
Power	AC24V

RS-STxxC

4/1" PTZ Dome Camera

Features:

- 4/1" Sony super HAD CCD
- 0.05 Lux- 550 TVL
- Focal length: 122~3.4mm
- Pan/Tilt speed: °120~°0 /°400~°0
- AC24V,IP66



Model	RS-STV-C	RS-STV-C
Image sensor	1/1" sony super HAD CCD	
Active pixels	790(H)*596(V)	
Horizontal resolution	550 TVL	550 TVL
Low illumination	0.05 Lux	0.05 Lux
Focal length	122~3.4mm, 1/2x digital	122~3.4mm, 1/2x digital
function	ICR,DSS,Day &Night,RS485,WDR,Auto tracking	
Electronic shutter	1/1000~1/10000s	
Pan speed	0.1~0.5/s	
Tilt speed	0.1~0.5/s	
Pan range	0~360 continuously	
Tilt range	0~180° auto overturn	
Hardware function	Scan(^)-preset (^, 128 cruising tracks)-pattern(^)	
Communication	Multi-protocol- RS485	
Temperature	0~50°C~0~50°C	
IP Grade	IP66	
Humidity	20%	
Weight	1 kg	
Power	AC24V	

RS-MDxx-C

RS-MD100-H

4/1" PTZ Dome Camera

Features:

- 4/1" Sony super HAD CCD
- 0.001 Lux- 500 TVL
- Focal length: 85~3.9 mm
- Pan/Tilt speed: °120~°0 /°300~°0
- AC24V,IP66



Model	RS-MDxx-C	RS-MD100-H
Image sensor	1/1" Sony super HAD CCD	
Active pixels	790(H)*596(V)	
Horizontal resolution	540 TVL	500 TVL
Low illumination	0.001 Lux	0.01 Lux
Focal length	85~3.9 mm, 1/2x	85~3.9 mm, 1/2x
function	Day & Night,BLC,AGC,AWB	Day & Night,RS485,Pelco D/P supported
Electronic shutter	1/1000~1/10000s	
Pan speed	0.1~0.5/s	
Tilt speed	0.1~0.5/s	
Pan range	0~360 continuously	
Tilt range	0~180° auto overturn	
Hardware function	Scan-preset (1, 128 cruising tracks)-pattern(1 pattern tours)	
Communication	Multi-protocol- RS485	
Temperature	0~50°C~0~50°C	
IP Grade	IP66	
Humidity	20%	
Weight	1.0 kg	
Power	AC24V	

RS-SDxxDH

4/1" Weatherproof PTZ Dome Camera

Features:

- 4/1" Sony super HAD CCD
- 0.001 Lux-600- TVL
- Focal length: 98~3.6mm
- Pan/Tilt speed: °120~°0 /°300~°0
- AC24V,IP66



Model	RS-SDxx-DH	RS-SDxx-DH
Image sensor	1/1" progressive scan Exview HAD CCD	1/1" Sony super HAD CCD
Active pixels	790(H)*596(V)	790(H)*596(V)
Horizontal resolution	600 TVL	550 TVL
Low illumination	0.001 Lux	0.01 Lux
Focal length	98~3.6 mm, 1/2x digital	98~3.6 mm, 1/2x
function	ICR-Day & Night, 1D & 1D DNR,AWB, 1D positioning,OSD, auto focus	
Electronic shutter	1/1000~1/10000s	
Pan speed	0.1~0.5/s	
Tilt speed	0.1~0.5/s	
Pan range	0~360 continuously	
Tilt range	0~180° auto overturn	
Hardware function	Scan-preset (1, 128 cruising tracks)-pattern(Four pattern tours)	
Communication	Multi-protocol- RS485	
Working T/H	0~50°C~0~50°C	
IP Grade	IP66	IP66
Humidity	20%	
Weight	1 kg	
Power	AC24V	

RS-SDIRxxDH

4/1" Weatherproof IR PTZ Dome Camera

Features:

- 4/1" Sony super HAD CCD II
- 0.001 Lux- 600TVL
- Pan/Tilt speed: °120~°0 /°240
- AC24V,IP66



Model	RS-SDIRxx-DH	RS-SDIRxx-DH
Image sensor	1/1" super HAD CCD II	
Active pixels	790(H)*596(V)	
Horizontal resolution	600 TVL	
Low illumination	0.001 Lux	
Focal length	98~3.6 mm, 1/2x digital	98~3.6 mm, 1/2x digital
function	OSD,Day&Night,ICR,1D & 1D DNR,AWB, 1D positioning,auto focus	
Electronic shutter	1/1000~1/10000s	
Pan speed	0.1~0.5/s	
Tilt speed	0.1~0.5/s	
Pan range	0~360 continuously	
Tilt range	0~180° auto overturn	
Hardware function	Scan-preset (1, 128 cruising tracks)-pattern-tour	
Communication	Multi-protocol- RS485	
Working T/H	0~50°C~0~50°C	
IP Grade	IP66	
IR distance	100 meters	
Weight	1 kg	
Power	AC24V	



DVR

ST0-xxL

Low Entry level 16,8,4 Channel Standalone DVR

Features:

- 16,8,4 channel video 2 channel audio
- all channels CIF video recording
- playback 16,8,4 channel CIF simultaneously
- 1x VGA video, 1x BNC, 2x USB, 64 Channel CMS
- 1 SATA interface (MAX support 2TB)- voice talk
- 10 M/100m-TCP /IP-PPPOE-DHCP/ DDNS/Mobile
- 1/4 alarm I/O-RS485-/IR Remote

Model	ST0-16-L	ST0-8-A-L	ST0-4-L
Image Resolution	CIF	1 Channel CIF / D1 Adjustable, other channel CIF	
Max Frame Rate	18 ~ 25 fps	25 ~ 25 fps	12 ~ 15 fps
Video Input	16	8	4
Video Compression	H.264 / G.711A		
Dual Streams	Yes		
Max Resolution	768*1024		
Video Output	1 BNC / 1 VGA		
Loop/ Matrix Output	-		
Audio Input	2		
Audio Output	1 BNC		
Bidirectional Talk	3.5 mm MIC interface		
Internal HDD	1 SATA		
External HDD	-		
Alarm In	4		
Relay Out	1		
Ethernet(RJ45)	10M / 100M		
USB	USB2.0 / Remote back up		
RS232-	-		
RS485-	Support		
Playback Channel	4 ch CIF playback	4 CIF or 1 ch D1+1 ch CIF playback	
Case	1U		

ST1604-H

Economic 16,8,4 Channel Standalone DVR

Features:

- 16,8,4 channel video 2 channel audio
- All channel D1 video recording
- playback 16,8,4 channel D1
- 1x VGA video, 1x BNC, 2x USB, 64 Channel CMS
- 2 SATA interfaces (MAX support 4TB), voice talk
- HDMI (with audio): 1080*1920
- 100 M/1000M-TCP/IP-PPPOE/DHCP/DDNS/Mobile
- 1/4alarm I/O-RS485-/IR Remote



Model	ST1604-H	ST1604-H	ST1604-H
Image Resolution	CIF / D1 Adjustable		
Max Frame Rate	25~25 fps	25~25 fps	25~25 fps
Video Input	16	16	16
Video Compression	H.264/G.711		
Dual Streams	Support		
Max Resolution	VGA:1024*768 - HDMI:1920*1080	1920*1080	
Video Output	1 BNC / 1VGA / 1HDMI	1 BNC / 1VGA	
Loop/ Matrix Output	-		
Audio Input	2		
Audio Output	1BNC		
Bidirectional Talk	2mm MIC interface		
Internal HDD	1SATA	1SATA	
External HDD	-		
Alarm I/O	1/1		
Relay Out	-		
Ethernet(RJ45)	10M/100M/1000M	10M/100M	
USB	USB2.0/Remote Back up /USB DVD Back Up	USB2.0/Remote Back up	
RS232C	Support		
RS485	Support		
Playback Channel	16	16	16
Case	1U		

ST-D0·xxL	
Economic 32,24 Channel Standalone DVR Features: • 32,24 channel video 4,2channel audio • All channel CIF video recording • playback 4 channel CIF simultaneously • 1x VGA video, 1x BNC, 2x USB • 2 SATA interfaces(MAX support 4TB), voice talk • 10M/100M -TCP/IP-PPPOE/DHCP/DDNS/Mobile • 1/4 alarm I/O-RS485-/IR Remote	

STV-xxH

Mid entry level 16,8,4 Channel Standalone DVR

Features:

- 16,8,4 channel video 16,8,4 channel audio
- all channels D1 video recording
- playback 16,8,4 channel D1 simultaneously
- 1x VGA video, 1x BNC, 1x HDMI, 2x USB, 64 Channel CMS
- 4 SATA interface (MAX support 2TB)- voice talk
- 10 M/100m-TCP /IP-PPPOE-DHCP/ DDNS/Mobile
- 2/16,8,4 alarm I/O-RS485-,RS232-/IR Remote



ST10-xxH

Professional 16,8,4 Channel Standalone DVR

Features:

- 16,8,4 channel video 16,8,4 channel audio
- all channels D1 video recording
- playback 16,8,4 channel D1 simultaneously
- 1x VGA video, 1x BNC, 1x HDMI, 2x USB, 64 Channel CMS
- 8 SATA interface (Each HDD can max support 2000 GB)- voice talk
- 10 M/100m-TCP /IP-PPPOE-DHCP/ DDNS/Mobile
- 2/16,8,4 alarm I/O-RS485-, RS232-/IR Remote



Model	ST-D0-2FL	ST-D0-2EL
Image Resolution	CIF	
Max Frame Rate	30 ~ 20 fps per channel	
Video Input	22	24
Video Compression	H.264 / G.264	
Dual Streams	Support	
Max Resolution	VGA : 640 * 480	VGA : 640 * 480 BNC 4:3 * 4:3
Video Output	1 BNC / 1 VGA	
Loop/ Matrix Output	-	
Audio Input	4	4
Audio Output	1 BNC	
Bidirectional Talk	30 mm MIC interface	
Internal HDD	2 SATA	
External HDD	-	
Alarm I/O	1 / 4	
Relay Out	-	
Ethernet(RJ45-)	10 M / 100 M	
USB	USB 2.0 / Remote Backup Built-in DVD-RW optional	USB 2.0 / Remote Backup / USB DVD Backup
RS232-	Support	
RS485-	Support	
Playback Channel	4 Channel CIF	
Case	1,0U	1,2U

Model	STV1111-H	STV1111-H	STV1111-H
Image Resolution	D1		
Max Frame Rate	25 ~ 30 fps	25 ~ 30 fps	25 ~ 30 fps
Video Input	16	16	16
Video Compression	H.264/G.711		
Dual Streams	Yes		
Max Resolution	1920x1080		
Video Output	1BNC / 1VGA		
Loop/ Matrix Output	-		
Audio Input	2		
Audio Output	1BNC		
Bidirectional Talk	2, 0 mm MIC interface		
Internal HDD	1 SATA	1 SATA	1 SATA
External HDD	1		
Alarm In	16, 8, 4		
Relay Out	1		
Ethernet(RJ45)	10M / 100M / 1000M		
USB	USB1.1 / Remote back up		
RS232C	Support		
RS485	Support		
Playback Channel	D1		
Case	1U		

Model	STC117-H	STC11-A-H	STC11-E-H
Image Resolution	D1		
Max Frame Rate	28.0 ~ 25.0 fps	25.0 ~ 20.0 fps	12.0 ~ 10.0 fps
Video Input	16	8	4
Video Compression	H.264/G.711A		
Dual Streams	Yes		
Max Resolution	960*540		
Video Output	1BNC / 1VGA		
Loop/ Matrix Output	-		
Audio Input	2		
Audio Output	1BNC		
Bidirectional Talk	7.2 mm MIC interface		
Internal HDD	1 SATA		4 SATA
External HDD	1		
Alarm In	16, 8, 4		
Relay Out	1		
Ethernet(RJ45)	10M / 100M		
USB	USB2.0 / Remote back up		
RS232C	Support		
RS485	Support		
Playback Channel	D1		
Case	2U		



ANALOG CAMERA

ST-IR1V/O

Waterproof IR Bullet Camera

Features:

- 3/1" SONY super HAD CCD
- Up to 650TVL/ 0 Lux IR ON
- IR distance: 50 meters
- 12~2.8 mm fixed lens
- OSD menu,DWDR,3D DNR,RS485-,HBLC, Mirror smart IR, MD
- DC 12V,IP66



Model	ST-IR1V/O
Signal System	PAL/NTSC
Image Sensor	1/3"SONY Super HAD CCD
Effective Pixel	PAL: 702(H)*582(V)-NTSC: 714(H)*492(V)
H. Resolution	100 TVL
Low illumination	0 Lux (IR On)
Osd	Yes
Function	DWDR, 3D DNR, RS485-, HBLC, Mirror, Smart IR, MD
Day/Night	-
S/N ratio	≥52db
Electronic shutter	1/1000 ~ 1/50000 s
Control	-
Lens	12~2.8 mm (2.8 mm, 12 mm optional)
LED Wave length	-
IR Distance	50 meters
D&W Resistance	IP66
Temperature	0~50~+50 C
Humidity	RH%90 Max
Weight	1.2 kg
Power	DC12V

ST-IR1V/O

Dot Matrix High Power IR Bullet Camera

Features:

- 3/1" SONY super HAD CCD
- Up to 600TVL/ 0 Lux IR ON
- IR distance: 60 meters
- 4 or 9 mm fixed lens
- OSD menu,DWDR,3D DNR,RS485-,HBLC, Mirror smart IR, MD
- DC12V , IP66



Model	ST-IR1V/O
Signal System	PAL/NTSC
Image Sensor	1/3"sony super HAD CCD
Effective Pixel	PAL: 702 (H)*582(V) - NTSC: 714(H)*492(V)
H. Resolution	100 TVL
Low illumination	0 Lux (IR ON)
Osd	Yes
Function	DWDR, 3D DNR, RS485-, HBLC, Mirror, Smart IR, MD
Day/Night	Yes
S/N ratio	≥50db
Electronic shutter	1/1000 ~ 1/50000 s
Control	-
Lens	4 or 9 mm (12~2.8 mm, 12~9 mm optional)
LED Wave length	-
IR Distance	10 meters
D&W Resistance	IP66
Temperature	0~50~+50 C
Humidity	RH%90
Weight	0.8 kg
Power	DC12V (+/-10%)

ST-ID1V/O

Waterproof IR Dome Camera

Features:

- 3/1" SONY super HAD CCD
- Up to 650TVL/ 0 Lux IR ON
- IR distance: 40~35 meters
- 12~2.8 mm varifocal lens
- OSD menu,DWDR,3D DNR,RS485-,HBLC, Mirror smart IR, MD
- DC12V , IP66



Model	ST-ID1V/O
Signal System	PAL/NTSC
Image Sensor	1/3"sony super HAD CCD
Effective Pixel	PAL: 702 (H)*582(V) - NTSC: 714(H)*492(V)
H. Resolution	100 TVL
Low illumination	0 Lux (IR On)
Osd	Yes
Function	DWDR, 3D DNR, RS485-, HBLC, Mirror, Smart IR, MD
Day/Night	Yes
S/N ratio	≥50db
Electronic shutter	1/1000 ~ 1/50000 s
Control	-
Lens	12~2.8 mm (2.8 mm, 12~9 mm optional)
LED Wave length	-
IR Distance	40~35 meters
D&W Resistance	IP66
Temperature	0~50~+50 C
Humidity	RH%90
Weight	0.2 kg
Power	DC12V (+/-10%)

ST-IR1V/O

Waterproof IR Bullet Camera

Features:

- 3/1" SONY super HAD CCD
- Up to 650TVL/ 0 Lux IR ON
- R distance: 60~50 meters
- 12~2.8 mm varifocal lens
- OSD menu,DWDR,3D DNR,RS485-,HBLC, Mirror smart IR, MD
- DC12V, IP66



Model	ST-IR1V/O
Signal System	PAL/NTSC
Image Sensor	1/3" sony Super HAD CCD
Effective Pixel	PAL: 702 (H)*582(V) - NTSC: 714(H)*492(V)
H. Resolution	100 TV
Low illumination	0 Lux (IRON)
Osd	Yes
Function	DWDR, 3D DNR, RS485-, HBLC, Mirror, Smart IR, MD
Day/Night	-
S/N ratio	≥52db
Electronic shutter	PAL: 1/1000 ~ 1/50000 s
Control	-
Lens	12~2.8 mm (2.8 mm, 12~9 mm optional)
LED Wave length	850 nm
IR Distance	100 meters
D&W Resistance	IP66
Temperature	0~50~+50 C
Humidity	RH%90
Weight	1.2 kg
Power	DC12V

ST-ID1V/O

Waterproof IR Dome Camera

Features:

- 3/1" SONY super HAD CCD
- Up to 600TVL/ 0 Lux IR ON
- IR distance: 35 meters
- 6 mm fixed lens
- OSD menu,DWDR,3D DNR,RS485-,HBLC, Mirror smart IR, MD
- DC12V , IP66



Model	ST-ID1V/O
Signal System	PAL/NTSC
Image Sensor	1/3"sony super HAD CCD
Effective Pixel	PAL: 702 (H)*582(V) - NTSC: 714(H)*492(V)
H. Resolution	100 TVL
Low illumination	0 Lux (IR ON)
Osd	Yes
Function	DWDR, 3D DNR, RS485-, HBLC, Mirror, Smart IR, MD
Day/Night	Yes
S/N ratio	≥50db
Electronic shutter	1/1000 ~ 1/50000 s
Control	-
Lens	6 mm (2.8, 6 mm optional)
LED Wave length	-
IR Distance	35 meters
D&W Resistance	IP66
Temperature	0~50~+50 C
Humidity	RH%90
Weight	0.2 kg
Power	DC12V (+/-10%)

ST-IRV/O

Waterproof IR Bullet Camera

Features:

- 3/1" SONY super HAD CCD
- Up to 650TVL/ 0 Lux IR ON
- IR distance: 30 meters
- 12~2.8 mm varifocal lens
- OSD menu,DWDR,3D DNR,RS485-,HBLC, Mirror smart IR, MD
- DC 12V,IP66



Model	ST-IRV/O
Signal System	PAL/NTSC
Image Sensor	۳/۱" Sony super HAD CCD
Effective Pixel	PAL: ۷۵۲(H)*۵۸۲(V)
H. Resolution	۶۵۰ TVL
Low illumination	۰ Lux (IR On)
Osd	Yes
Function	DWDR,۳D DNR,RS۴۸۵-,HBLC,Mirror,Smart IR,MD
Day/Night	Yes
S/N ratio	≥52db
Electronic shutter	۱...../۱~۵۰/۱s
Control	-
Lens	۱۲~۲,۸ mm (± mm, ۱۲~۹ mm optional)
LED Wave length	-
IR Distance	۳۰ meters
D&W Resistance	IP۶۶
Temperature	۰۱~C ~۵۵.۰+ C
Humidity	RH٪۹۵
Weight	۱ kg
Power	DC ۱۲V

ST-IRV/O

Waterproof IR Bullet Camera

Features:

- 3/1" SONY Super HAD CCD
- Up to 600TVL/ 0 Lux IR ON
- IR Ldistance: 30~25 meters
- 12~2.8 mm varifocal lens
- OSD menu,DWDR,3D DNR,RS485-,HBLC, Mirror smart IR, MD
- DC12V, IP66



Model	ST-IRV/O
Signal System	PAL/NTSC
Image Sensor	۳/۱" SONY Super HAD CCD
Effective Pixel	PAL: ۵۰۰(H)*۵۸۲(V)
H. Resolution	۶۰۰ TVL
Low illumination	۰ Lux (IR On)
Osd	Yes
Function	DWDR,۳D DNR,RS۴۸۵-,HBLC,Mirror,Smart IR,MD
Day/Night	Yes
S/N ratio	≥52db
Electronic shutter	۱...../۱~۵۰/۱s
Control	-
Lens	۱۲~۲,۸ mm (± mm, ۱۲~۹ mm optional)
LED Wave length	-
IR Distance	۳۰~۲۵ meters
D&W Resistance	IP۶۶
Temperature	۰۱~C ~۵۵.۰+ C
Humidity	RH٪۹۵
Weight	۱ kg
Power	DC ۱۲V

ST-IR۵۱/O

Waterproof IR Bullet Camera

Features:

- 3/1" SONY super HAD CCD
- Up to 650TVL/ 0 Lux IR On
- IR distance: 20~15 meters
- 3.6 mm fixed lens
- OSD menu,DWDR,3D DNR,RS485-,HBLC, Mirror smart IR, MD
- DC12V,IP66



Model	ST-IR۵۱/O
Signal System	PAL/NTSC
Image Sensor	۳/۱" sony super HAD CCD
Effective Pixel	PAL:۵۰۰ (H)*۵۸۲(V) , NTSC:۵۱۰(H)*۴۹۴(V)
H. Resolution	۶۵۰ TVL
Low illumination	۰ Lux (IR On)
Osd	Yes
Function	DWDR,۳D DNR,RS۴۸۵-,HBLC,Mirror,Smart IR,MD
Day/Night	-
S/N ratio	≥50db
Electronic shutter	PAL:۱.....~۵۰/۱s
Control	-
Lens	3.6 mm fixed lens(2.8,6 mm optional)
LED Wave length	-
IR Distance	۲۰~۱۵ meters
D&W Resistance	IP۶۶
Temperature	۰۱~C~۵۵.۰+C
Humidity	RH ٪۹۵
Weight	۱ kg
Power	DC ۱۲V

ST-ID۵/O

Waterproof IR Dome Camera

Features:

- 3/1" SONY super HAD CCD
- Up to 650TVL/ 0 Lux IR ON
- IR distance: 20~15 meters
- 3.6 mm fixed lens
- OSD menu,DWDR,3D DNR,RS485-,HBLC, Mirror smart IR, MD
- DC 12V,IP66



Model	ST-ID۵/O
Signal System	PAL - NTSC
Image Sensor	1/3"SONY Super HAD CCD
Effective Pixel	PAL: ۷۵۲(H)*۵۸۲(V)-NTSC:۷۶۸(H)*۴۹۴(V)
H. Resolution	۶۵۰ TVL
Low illumination	۰ Lux(IR ON)
Osd	Yes
Function	DWDR,۳D DNR,RS۴۸۵-,HBLC,Mirror,Smart IR,MD
Day/Night	-
S/N ratio	≥52db
Electronic shutter	۱۰۰,۰۰۰/۱~۵۰/۱
Control	-
Lens	۳,۶ mm lens (۲,۸,۶ mm optional)
LED Wave length	-
IR Distance	۲۰~۱۵ meters
D&W Resistance	IP۶۶
Temperature	۰۱~C~۵۵.۰+C
Humidity	RH٪۹۵
Weight	۰,۲۵ kg
Power	DC ۱۲V

ST-ID۴/O

Waterproof IR Dome Camera

Features:

- 3/1" SONY super HAD CCD
- Up to 600TVL/ 0 Lux IR ON
- IR distance: 20~15 meters
- 3.6 mm fixed lens
- OSD menu,DWDR,3D DNR,RS485-,HBLC, Mirror smart IR, MD
- DC 12V, IP66



Model	ST-ID۴/O
Signal System	PAL/NTSC
Image Sensor	۳/۱" sony super HAD CCD
Effective Pixel	PAL: ۷۵۲(H)*۵۸۲(V)-NTSC:۷۶۸(H)*۴۹۴(V)
H. Resolution	۶۵۰ TVL
Low illumination	۰ Lux (IR ON)
Osd	Yes
Function	DWDR,۳D DNR,RS۴۸۵-,HBLC,Mirror,Smart IR,MD
Day/Night	Yes
S/N ratio	≥52db
Electronic shutter	۱۰۰۰۰/۱~۵۰/۱s
Control	-
Lens	۳,۶ mm lens (۲,۸,۶ mm optional)
LED Wave length	-
IR Distance	-
D&W Resistance	IP۶۶
Temperature	۰۱~C~۵۵.۰+ C
Humidity	RH٪۹۵
Weight	۰,۳۵ kg
Power	DC ۱۲V

ST-IF۱/O

Waterproof Fixed Camera

Features:

- 3/1" SONY super HAD CCD
- Up to 600TVL/ 0.1 Lux
- CS mount Optional lens
- AGC,BLC,AES
- DC12V , IP55



Model	ST-IF۱/O
Signal System	PAL/NTSC
Image Sensor	۳/۱"sony super HAD CCD
Effective Pixel	PAL:۷۵۲ (H)*۵۸۲(V) - NTSC:۷۶۸(H)*۴۹۴(V)
H. Resolution	۶۰۰ TVL
Low illumination	۰,۱ Lux
Osd	Yes
Function	AES,AGC,BLC
Day/Night	Yes
S/N ratio	≥50db
Electronic shutter	۱۰۰۰۰/۱~(۱۰/۱)۵۰/۱s
Control	-
Lens	CS mount optional lens
LED Wave length	-
IR Distance	-
D&W Resistance	-
Temperature	۰۱~C ~۵۵.۰+ c
Humidity	RH ٪۹۵
Weight	۱۲,۵ kg
Power	DC ۱۲V (+/-۱۰%)



PTZ CAMERA

MG-TA22-xx

Thermal Imaging High Speed PTZ Camera

Features:

- VOx infrared focal plane array(FPA) with 240×320 pixels
- can detect temperature difference less than or equal to 85mK (or <35mK at f/1)
- Detection range over 500m, in full darkness, haze and smog
- standard of US military Mil-Std810- and IP66
- °360 pan and °180 tilt range



Model	MG-TA220-	MG-TA220-	MG-TA220-
Image sensor	Uncooled LWIR Thermal Imager,VOx Microbolometer/220x220		
Active pixels	702(H) * 542(V)		
Horizontal resolution	500TVL		
Field of View	5.0°,11x°12mm lens	3.0°,10x°20mm lens	2.0°,20°,18x°27.4mm lens
Analog Video	A,2 Hz (PAL)		
Electronic Zoom/Focal length	2x/9A,0~2.0 mm		
Electronic shutter	1/1000~1/10000s		
Pan speed	°1.0~°/s		
Tilt speed	°1.0~°/s		
Pan range	°360		
Tilt range	°88~°88		
Hardware function	scan-preset (128,1 cruising tracks)		
Communication	Multi-protocol, Baud rate from 1200Bps to 19200Bps for optional, RS485 control		
Temperature	°0~°30		
IP Grade	IP66		
Humidity	20~90%		
Weight	1.0 kg		
Power	AC24V±10% 1in≥2.5A		

MG-TC22xxB

IP HD High Speed PTZ Camera

Features:

- 4/1 " Sony CCD
- 0LUX540-TVL
- Focal length: 129~3.49mm 37x
- Pan/Tilt speed: °60~°0,°100~°0
- 24VAC,IP66



Model	MG-TC17VB	MG-TC17VB	MG-TC17VB
Image sensor	1/1" Sony CCD		
Active pixels	702(H) * 542(V)	702(H) * 542(V)	702(H) * 542(V)
Horizontal resolution	more than 500TVL	500TVL	500TVL
Low illumination	0 Lux (LED Open)		0.02Lux
Focal length	129~3.49mm 37x	129~3.49mm 37x	129~3.49mm 37x
function	RS485		
Electronic shutter	1/1000~1/100000s	1/1000~1/100000s	
Pan speed	0.1°/s		
Tilt speed	0.1°/s		
Pan range	0~88°/s		
Tilt range	0~88°/s		
Hardware function	scan-preset(128,1 tracks)		
Communication	Multi-protocol, Baud rate from 1200Bps to 19200Bps for optional, RS485 control		
Temperature	0~30°C		
IP Grade	IP66		
Humidity	20~90%		
Weight	0 kg		
Power	DC10~24V~DC10~24V(0.5VA)		

MG-TK22xxB

High Speed PTZ Camera

Features:

- 4/1 Sony Super HAD CCD
- 0.01 Lux, to 540TVL
- focal length: 129~3.4 mm
- Pan/ tilt speed: °0 2~°0/°40~°0
- AC24V ,AC220V (for optional),IP66



Model	MG-TK220VB	MG-TK220VB	MG-TK220VB
Image sensor	1/1" Sony Super HAD CCD		
Active pixels	702(H) * 542(V)	702(H) * 542(V)	702(H) * 542(V)
Horizontal resolution	more than 500 TVL	500 TVL	500 TVL
Low illumination	0.01Lux		0.01Lux
Focal length	12.9~3.4mm	12.9~3.4mm	9.1~3.0mm
function	ICR-DSS-DNR		
Electronic shutter	1/1000~1/10000s		1/1000~1/10000s
Pan speed	0.1~0.5/s		
Tilt speed	0.1~0.5/s		
Pan range	0°~360° continuously		
Tilt range	0°~270°		
Hardware function	Scan-preset (128)-pattern-1 cruising tracks		
Communication	Multi-protocol- RS485		
Temperature	0~30°C		
IP grade	IP66		
Humidity	20~90%		
Weight	1.0 kg		
Power	AC220V - AC220V (for optional)		

MG-OF220BF

Outdoor High Speed Dome Camera

Features:

- 4/1" Sony super HAD CCD
- 0.01 Lux- 540TVL
- Focal length:98~3.6mm
- Pan/Tilt speed: °120~°0 /°300~°0
- AC24V,IP66



Model	MG-OF220BF	MG-OF220BF	MG-OF220BF
Image sensor	1/1" CCD		
Active pixels	702(H)*542(V)	702(H)*542(V)	702(H)*542(V)
Horizontal resolution	more than 500TVL		500TVL
Low illumination	0.01Lux		0.01Lux
Focal length	9.8~36mm	9.8~36mm	9.8~36mm
function	ICR-DSS-DNR		
Electronic shutter	1/1000~1/100000s	1/1000~1/100000s	
Pan speed	0.3~0.6/s		
Tilt speed	0.12~0.6/s		
Pan range	360° continuously		
Tilt range	180°/90° auto overturn		
Hardware function	Scan-preset (1,128 cruising tracks)-pattern(Four pattern tours)		
Communication	Multi-protocol- RS485		
Temperature	0~30℃		
IP Grade	IP66		
Humidity	20~90%		
Weight	1 kg		
Power	AC220V		

MG-OF220BF-IA-TW

Outdoor Super Fog-penetrating High Speed Dome Camera

Features:

- 4/1" Exview HAD CCD
- 0.01 Lux- 550TVL
- Focal length: 129~3.4 mm
- Pan/Tilt speed: °180~°0 /°360~°0
- AC24V,IP66



Model	MG-OFY1A0BF-IA-TW		MG-OFY1A0BF-IA-TW	
Image sensor	1/1" Exview HAD CCD			
Active pixels	702(H)*542(V)			
Horizontal resolution	500 TVL			
Low illumination	1, 1/2 Lux	0.1 Lux		0.1 Lux
Focal length	12.7, 16.5, 25.4 mm, 1/3" digital	16.5, 25.4, 38.1 mm, 1/3" digital	25.4, 38.1, 50.8 mm, 1/3" digital	
function	ICR-DSS-DNR			
Electronic shutter	1/1000~1/50000s	1/1000~1/50000s		
Pan speed	0.1~0.5°/s			
Tilt speed	0.1~0.5°/s			
Pan range	0°~360° continuously			
Tilt range	0°~90°			
Hardware function	Scan-preset (1, 128 cruising tracks)-pattern(Four pattern tours)			
Communication	Multi-protocol- RS485			
Temperature	0~50°C			
IP Grade	IP66			
Humidity	20~90%			
Weight	0 kg			
Power	AC24V			



IP COMPRO

MP/HD H.264 Network Camera

- 3/1" Megapixel CMOS sensor
- H.264,MPEG4and MJPEG
- 10x digital zoom
- up to 1024 * 1280
- Up to 30 fps at 1024*1280
- Two way audio with built-in MIC and speaker



Model	IPV+	IPV+	IPco
Image Sensor	1/1" progressive scan CMOS	1/1" megapixel CMOS	
Lens	4.5 mm, fixed iris, FOV 46°, focus range 0.5 m ~ INF		4.5 mm, fixed iris
Min Illumination	1.0 Lux, 0 Lux IR on		
Day/Night	Yes		
Compression	MJPEG, MPEG2, H.264, dual streams supported		MJPEG, MPEG2
Max Resolution	1.28 × 1.28		
Max Frame Rate	10 fps	10 fps at 1.28 × 1.28	
Audio I/O	1/1	Two way audio with built in MIC and speaker	
Alarm I/O	1 x relay out	2 x relay out (external & optional)	
Network Function	TCP/IP, ARP, DDNS, DHCP, DNS, FTP, HTTP, ICMP/IPv4, IGMP, NTP, PPPoE, RSP, RTSP, SMTP, TCP/IP, UDP, UPnP		TCP/IP, ARP, DDNS, DHCP, DNS, FTP, HTTP, ICMP/IPv4, IGMP, NTP, PPPoE, RSP, RTSP, SMTP, TCP/IP, UDP, UPnP, 1.28 × 1.28
ONVIF	RTSP support		
Wi-Fi	-	optional	
Local Recording	Micro SD	Micro SD /SDHC memory card slot	
Pan/tilt	-	0.1°/s ~ 1.0°/s, max 1.0°/s, max 1.0°/s	
Vandal Proof	-	-	
IR Illuminators	1.0 ~ 1.0 m	1.0 ~ 1.0 m	-
Temperature	0°C ~ 50°C		
Dimension	91.0 × 91.0 × 42 mm		
Power	DC 5V		DC 12V/5A, PoE

NC10-R

1.3 MP H.264 Box Camera

- ### Features:
- 3/1" progressive scan CMOS
 - MJPEG,MPEG4, H.264
 - 10x digital zoom
 - up to 1024*1280 resolution
 - up to 20 fps
 - Two way audio communication
 - Relay out x 1, terminal block



Model	NC10-R
Image Sensor	1/1" progressive scan CMOS
Lens	4.5 mm, fixed iris, FOV 46°, focus range 0.5 m ~ INF
Min Illumination	0.1 Lux, 0 Lux IR on
Day/Night	Yes
Compression	MJPEG, MPEG2, H.264
Max Resolution	1280 x 1024
Max Frame Rate	20fps
Audio I/O	Two way audio communication
Alarm I/O	relay out x 1, terminal block
Network Function	IGMP, ARP, DDNS, DHCP, DNS, FTP, HTTP, ICMP/IPsec, JGP, NTP, PPPoE, RSP, RTSP, SMTP, TCP/IP, UDP, UPnP
ONVIF	RTSP support
Wi-Fi	-
Local Recording	Micro SD/SDHC slot
Pan/tilt	-
Vandal Proof	-
IR Illuminators	-
Humidity	0% ~ 90% C
Weight	300 g
Power	DC 12V

PTZ MP/HD H.264 Network Camera

Features:

- 1.3 Megapixel CMOS sensor
- H.264, MPEG4 and MJPEG
- Support 10x digital zoom
- up to 1024 * 1280 resolution
- up to 30 fps
- Two way audio with built-in MIC and speaker



Model	IPov-	IPoe-	IPor-
Image Sensor	1/1" progressive scan CMOS	1/1.7" megapixel CMOS	1/1.7" CMOS vivid sensor
Lens	10, 16 ~ 38 mm, auto iris	4.0 mm, fixed iris,	f 4.0 mm, fixed iris
Min Illumination	Lux IR on		
Day/Night	Yes		
Compression	MJPEG, MPEG4, H.264		MJPEG, MPEG4
Max Resolution	1,280 × 1,280		1,280 × 720
Max Frame Rate	30fps		30fps
Audio I/O	1/1		Two way audio with built in MIC
Alarm I/O	1 x relay out (external & optional)		
Network Function	1GPP, ARP, DDNS, DHCP, DNS, FTP, HTTP, ICMP/IPV6, IGP, NTP, PPPoE, RSP, RTSP, SMTP, TCP/IP, UDP, UPnP		
ONVIF	RTSP support		
Wi-Fi	-	optional	
Local Recording	Micro SD	Micro SD/SDHC slot	Micro SD
Pan/tilt	0°/s ~ 180°/s, max 180°/sec	-170° ~ +170°, max 180°/s / 180° ~ +170°, max 180°/s	0° ~ 180°/s ~ 180°/s
Vandal Proof	-		
IR Illuminators	10 meters		
Temperature	0° ~ 50°C		
Dimension	128, 128, 51, 51 mm		
Power	DC 12V or PoE	DC 12V	

NVR 12/22.8

Network Video Recorder

- ### Features:
- Embedded Linux operating system for superior reliability
 - Record video from up to 8 megapixel IP cameras
 - simultaneously on RS2208-, or 12 megapixel IP
 - Support dual SATA 3.0TB 3.5" HDD, Support RAID0- and RAID1-
 - Remote recording, playback and search of video recordings
 - One-touch backup to USB storage device
 - Full PTZ control



Model	NVR1717-A
PTZ feature	Preset position, patrol group,speed control,focuse control
Authentication	ID-password
Group management	Multi-level and multi-feature individually configurable
Viewing requirements	OS: windows XP/Vista/7browser: internet explorer 8, or later
power supply	AC 220V~240V/50/60Hz in ,DC12V output
operating system	Embedded linux,safe from crashes and virus attacks
LAN port	Gigabit RJ45 Ethernet port *2
Camera	Compro IP cameras:IP2000,IP2001,IP2002,IP2003,IP2004,IP2005,IP2006,IP2007,IP2008,IP2009,IP2010,IP2011,IP2012,IP2013,IP2014,IP2015,IP2016,IP2017,IP2018,IP2019,IP2020,IP2021,IP2022,IP2023,IP2024,IP2025,IP2026,IP2027,IP2028,IP2029,IP2030,IP2031,IP2032,IP2033,IP2034,IP2035,IP2036,IP2037,IP2038,IP2039,IP2040,IP2041,IP2042,IP2043,IP2044,IP2045,IP2046,IP2047,IP2048,IP2049,IP2050,IP2051,IP2052,IP2053,IP2054,IP2055,IP2056,IP2057,IP2058,IP2059,IP2060,IP2061,IP2062,IP2063,IP2064,IP2065,IP2066,IP2067,IP2068,IP2069,IP2070,IP2071,IP2072,IP2073,IP2074,IP2075,IP2076,IP2077,IP2078,IP2079,IP2080,IP2081,IP2082,IP2083,IP2084,IP2085,IP2086,IP2087,IP2088,IP2089,IP2090,IP2091,IP2092,IP2093,IP2094,IP2095,IP2096,IP2097,IP2098,IP2099,IP2100,IP2101,IP2102,IP2103,IP2104,IP2105,IP2106,IP2107,IP2108,IP2109,IP2110,IP2111,IP2112,IP2113,IP2114,IP2115,IP2116,IP2117,IP2118,IP2119,IP2120,IP2121,IP2122,IP2123,IP2124,IP2125,IP2126,IP2127,IP2128,IP2129,IP2130,IP2131,IP2132,IP2133,IP2134,IP2135,IP2136,IP2137,IP2138,IP2139,IP2140,IP2141,IP2142,IP2143,IP2144,IP2145,IP2146,IP2147,IP2148,IP2149,IP2150,IP2151,IP2152,IP2153,IP2154,IP2155,IP2156,IP2157,IP2158,IP2159,IP2160,IP2161,IP2162,IP2163,IP2164,IP2165,IP2166,IP2167,IP2168,IP2169,IP2170,IP2171,IP2172,IP2173,IP2174,IP2175,IP2176,IP2177,IP2178,IP2179,IP2180,IP2181,IP2182,IP2183,IP2184,IP2185,IP2186,IP2187,IP2188,IP2189,IP2190,IP2191,IP2192,IP2193,IP2194,IP2195,IP2196,IP2197,IP2198,IP2199,IP2200,IP2201,IP2202,IP2203,IP2204,IP2205,IP2206,IP2207,IP2208,IP2209,IP2210,IP2211,IP2212,IP2213,IP2214,IP2215,IP2216,IP2217,IP2218,IP2219,IP2220,IP2221,IP2222,IP2223,IP2224,IP2225,IP2226,IP2227,IP2228,IP2229,IP2230,IP2231,IP2232,IP2233,IP2234,IP2235,IP2236,IP2237,IP2238,IP2239,IP2240,IP2241,IP2242,IP2243,IP2244,IP2245,IP2246,IP2247,IP2248,IP2249,IP2250,IP2251,IP2252,IP2253,IP2254,IP2255,IP2256,IP2257,IP2258,IP2259,IP2260,IP2261,IP2262,IP2263,IP2264,IP2265,IP2266,IP2267,IP2268,IP2269,IP2270,IP2271,IP2272,IP2273,IP2274,IP2275,IP2276,IP2277,IP2278,IP2279,IP2280,IP2281,IP2282,IP2283,IP2284,IP2285,IP2286,IP2287,IP2288,IP2289,IP2290,IP2291,IP2292,IP2293,IP2294,IP2295,IP2296,IP2297,IP2298,IP2299,IP2300,IP2301,IP2302,IP2303,IP2304,IP2305,IP2306,IP2307,IP2308,IP2309,IP2310,IP2311,IP2312,IP2313,IP2314,IP2315,IP2316,IP2317,IP2318,IP2319,IP2320,IP2321,IP2322,IP2323,IP2324,IP2325,IP2326,IP2327,IP2328,IP2329,IP2330,IP2331,IP2332,IP2333,IP2334,IP2335,IP2336,IP2337,IP2338,IP2339,IP2340,IP2341,IP2342,IP2343,IP2344,IP2345,IP2346,IP2347,IP2348,IP2349,IP2350,IP2351,IP2352,IP2353,IP2354,IP2355,IP2356,IP2357,IP2358,IP2359,IP2360,IP2361,IP2362,IP2363,IP2364,IP2365,IP2366,IP2367,IP2368,IP2369,IP2370,IP2371,IP2372,IP2373,IP2374,IP2375,IP2376,IP2377,IP2378,IP2379,IP2380,IP2381,IP2382,IP2383,IP2384,IP2385,IP2386,IP2387,IP2388,IP2389,IP2390,IP2391,IP2392,IP2393,IP2394,IP2395,IP2396,IP2397,IP2398,IP2399,IP2400,IP2401,IP2402,IP2403,IP2404,IP2405,IP2406,IP2407,IP2408,IP2409,IP2410,IP2411,IP2412,IP2413,IP2414,IP2415,IP2416,IP2417,IP2418,IP2419,IP2420,IP2421,IP2422,IP2423,IP2424,IP2425,IP2426,IP2427,IP2428,IP2429,IP2430,IP2431,IP2432,IP2433,IP2434,IP2435,IP2436,IP2437,IP2438,IP2439,IP2440,IP2441,IP2442,IP2443,IP2444,IP2445,IP2446,IP2447,IP2448,IP2449,IP2450,IP2451,IP2452,IP2453,IP2454,IP2455,IP2456,IP2457,IP2458,IP2459,IP2460,IP2461,IP2462,IP2463,IP2464,IP2465,IP2466,IP2467,IP2468,IP2469,IP2470,IP2471,IP2472,IP2473,IP2474,IP2475,IP2476,IP2477,IP2478,IP2479,IP2480,IP2481,IP2482,IP2483,IP2484,IP2485,IP2486,IP2487,IP2488,IP2489,IP2490,IP2491,IP2492,IP2493,IP2494,IP2495,IP2496,IP2497,IP2498,IP2499,IP2500,IP2501,IP2502,IP2503,IP2504,IP2505,IP2506,IP2507,IP2508,IP2509,IP2510,IP2511,IP2512,IP2513,IP2514,IP2515,IP2516,IP2517,IP2518,IP2519,IP2520,IP2521,IP2522,IP2523,IP2524,IP2525,IP2526,IP2527,IP2528,IP2529,IP2530,IP2531,IP2532,IP2533,IP2534,IP2535,IP2536,IP2537,IP2538,IP2539,IP2540,IP2541,IP2542,IP2543,IP2544,IP2545,IP2546,IP2547,IP2548,IP2549,IP2550,IP2551,IP2552,IP2553,IP2554,IP2555,IP2556,IP2557,IP2558,IP2559,IP2560,IP2561,IP2562,IP2563,IP2564,IP2565,IP2566,IP2567,IP2568,IP2569,IP2570,IP2571,IP2572,IP2573,IP2574,IP2575,IP2576,IP2577,IP2578,IP2579,IP2580,IP2581,IP2582,IP2583,IP2584,IP2585,IP2586,IP2587,IP2588,IP2589,IP2590,IP2591,IP2592,IP2593,IP2594,IP2595,IP2596,IP2597,IP2598,IP2599,IP2600,IP2601,IP2602,IP2603,IP2604,IP2605,IP2606,IP2607,IP2608,IP2609,IP2610,IP2611,IP2612,IP2613,IP2614,IP2615,IP2616,IP2617,IP2618,IP2619,IP2620,IP2621,IP2622,IP2623,IP2624,IP2625,IP2626,IP2627,IP2628,IP2629,IP2630,IP2631,IP2632,IP2633,IP2634,IP2635,IP2636,IP2637,IP2638,IP2639,IP2640,IP2641,IP2642,IP2643,



IP CAMERA

GV-MFDxx

5,3,2 MP H.264 Mini Fixed Dome Camera

Features:

- 5,3,2 Megapixel Progressive Scan CMOS
- Stream 1 from H.264 and MJPEG;
- Stream 2 from H.264, MPEG4 and MJPEG
- Up to 10 fps at 2560 x 1920
- Built-in microphone
- Micro SD/SDHC Card Slot,WDR,IP66,IK7



Model	GV-MFD01+	GV-MFD11+	GV-MFD21+
Image Sensor	0 Megapixel Progressive Scan CMOS	1 Megapixel progressive scan CMOS	2 Megapixel Progressive Scan CMOS
Lens	Fixed, 2.5 mm		
Min Illumination	0.0 Lux		0.2 Lux
Day/Night	Yes (electronic)		
Compression	H.264, MPEG4, MJPEG		
Max Resolution	1920 * 1080	1024 * 768	1280 * 960
Max Frame Rate	10 fps at 1920 * 1080	20~25 fps	10 fps
Audio I/O	Built-in microphone		
Alarm I/O	-		
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, rGPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)		
Onvif	RTSP support		
Wi-Fi	-		
Local Recording	Micro SD/SDHC memory card slot		
Ingress Protection	IP66		
Vandal Proof	IK7		
IR Illuminators	-		
Weight	112 g		
Humidity	20%~80%		
Power	PoE,DC 12V,24V AC		POE

GV-MDRxx

5,3,2 MP H.264 Mini Fixed Rugged Camera

Features:

- 2.5/1" Progressive Scan CMOS
- H.264, MPEG4 and MJPEG
- Up to 30 frames per second in megapixel resolution (1024 * 1280)
- Built-in microphone
- Micro SD/SDHC Card Slot,WDR,IP66,IK7



Model	GV-MDR01+	GV-MDR11+	GV-MDR21+
Image Sensor	0,1,2 Megapixel progressive scan CMOS		
Lens	2.54 mm fixed		
Min Illumination	0.0 Lux		
Day/Night	Yes (electronic)		
Compression	H.264, MPEG4, MJPEG		
Max Resolution	1024 * 1280		
Max Frame Rate	10 fps at 1024 * 1280	20 fps at 1024 * 1280	30 fps at 1280 * 960
Audio I/O	Built-in microphone		
Alarm I/O	-		1 Digital output
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, rGPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)		
Onvif	RTSP support		
Wi-Fi	-		
Local Recording	Micro SD/SDHC memory card slot		-
Ingress Protection	-		
Pan/Tilt	0°~360°/0°~360°		
IR Illuminators	-		
Weight	280 g		
Humidity	20%~80%		
Power	PoE,DC 12V		POE

GV-FExx

5 MP H.264 Fisheye IP Camera

Features:

- 5,4 megapixel progressive scan CMOS
- Dual video streams from two of H.264,MPEG4
- 10fps at 4 megapixel
- Built in speaker and microphone
- Micro SD/SDHC memory card
- Day/Night ,IP66



Model	GV-FE01+	GV-FE11+	GV-FE21+
Image Sensor	0 Megapixel progressive scan CMOS	1 Megapixel progressive scan CMOS	2 Megapixel progressive scan CMOS
Lens	Fixed Iris,1.1 mm	Fixed Iris1.1 mm	Fixed Iris, 2.0mm
Min Illumination	Color& B/W 1Lux		
Day/Night	Yes (electronic)		
Compression	H.264, MPEG4	H.264, MJPEG	
Max Resolution	1920*1080	1920*1080	1920*1080
Max Frame Rate	10fps	10 fps at 1920 * 1080 10 fps at 1920 * 1080	10 fps
Audio I/O	Built-in microphone and speaker		
Alarm I/O	1 Digital output	-	1 Digital output
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, RTSP, PSIA, SNMP, QoS (DSCP)		
Onvif	RTSP support		
Wi-Fi	-		
Local Recording	Micro SD/SDHC card slot		
Ingress Protection	-		
Vandal Proof	-	IK7	-
IR Illuminators	-		
Weight	100 g		
Humidity	20%~80%		
Power	12VDC,24AAC,POE	POE	12VDC,24AAC,POE

GV-BxxD

5,3,2 MP H.264 IR Box Camera

Features:

- 5,3,2megapixel progressive scan CMOS
- H.264,MPEG4,MJPEG
- 30fps at megapixel
- Built in/ external microphone
- 2way audio,TV-out support
- Day/Night ,ICR
- Micro SD/SDHC memory card



Model	GV-BX01-D	GV-BX11-D	GV-BX21-D
Image Sensor	0 Megapixel progressive scan CMOS	1 Megapixel progressive scan CMOS	2 Megapixel progressive scan CMOS
Lens	CS Mount, 1.0 ~ 2.0 mm	CS Mount 1 ~ 2.1 mm	CS Mount , 1~2.1
Min Illumination	Color 0.0 Lux ,B/W 0.1 Lux	Color 1 Lux, 0.0 Lux ,B/W 0.2 Lux	
Day/Night	Yes (with removable IR-cut filter)		
Compression	H.264, MPEG4, MJPEG		
Max Resolution	1920 * 1080	1024 * 768	1280 * 960
Max Frame Rate	10 fps at 1920 x 1080	20 fps at 1024 * 768 at 1280 * 960	30 fps at 1280 * 960
Audio I/O	1 / 1, Extension		
Alarm I/O	1 Digital Output		
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 2GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)		
Onvif	RTSP support		
Wi-Fi	-		
Local Recording	Micro SD/SDHC Card Slot(for class 1 or above)		
Ingress Protection	-		
Vandal Proof	-		
IR Illuminators	-		
Weight	221 g		
Humidity	20%~80%		
Power	DC12V,POE		

GV-BX1xxDW-D

1,1,3 MP H.264 Mini Fixed Dome Camera

Features:

- 1,1,3 Megapixel progressive scan CMOS
- H.264,MPEG4
- 15fps in 1.3M resolution
- 2way audio,TV-out support
- Day/Night ,ICR,microphone
- Micro SD/SDHC memory card



Model	GV-BX111DW	GV-BX112-D	GV-BX113-D
Image Sensor	1 Megapixel progressive scan CMOS	1,2 Megapixel progressive scan CMOS	
Lens	CS Mount, 1.2 ~ 2.1 mm		
Min Illumination	Color 0.2 Lux ,B/W 0.1 Lux	color 0.0 Lux ,B/W 0.1 Lux	Color 0.10 Lux, B/W 0.1 Lux, 0.02 Lux
Day/Night	Yes with removable IR-cut filter		
Compression	H.264, MPEG4, MJPEG		
Max Resolution	720 * 1280	1024*1280	
Max Frame Rate	30 fps		
Audio I/O	1 / 1, Extension		
Alarm I/O	1 Digital output		
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, rGPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)		
Onvif	RTSP support		
Wi-Fi	-		
Local Recording	Micro SD/SDHC card slot(for class 1 card or above)		
Ingress Protection	-		
Vandal Proof	-		
IR Illuminators	-		
Weight	220 g		
Humidity	20%~80%		
Power	PoE	DC12V,POE	

GV-BLxxD

3,2,1 MP H.264 IR Bullet IP Camera

Features :

- 3,2,1.3 megapixel progressive scan CMOS
- H.264,MPEG4, MJPEG
- 2way audio
- 20fps at 3megapixel
- Day/Nigh,IP66,intelligent IR,Arctic



Model	GV-BL۳۲۰D	GV۲۲۰D	GV-BL۱۲۰D	GV-BL۱۲۰D
Image Sensor	۳ megapixel progressive scan CMOS	۲ megapixel progressive scan CMOS	۱,۳ progressive scan CMOS	۱,۳ megapixel progressive scan CMOS
Lens	Varifocal, ۸~۲,۸		Varifocal, ۹ ~ ۳,۳ mm	
Min Illumination	Color ۱ Lux,B/W ۰ Lux		Color ۰,۰ Lux ,B/W ۰ Lux	
Day/Night	Yes (with removable IR-cut filter)			
Compression	H.۲۶۴, MPEG۴, MJPEG			
Max Resolution	۱۰۳۳*۲۰۴۸	۱۰۸۰ * ۱۹۲۰		۱۰۲۴ * ۱۲۸۰
Max Frame Rate	۲۰ fps at ۱۰۳۳* ۲۰۴۸		۳۰ fps at ۱۰۲۴*۱۲۸۰	
Audio I/O		۱/۱		
Alarm I/O		۱ Digital Output (۲۰۰mA ۰V DC)		
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, ۳GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)			
Onvif	RTSP support			
Wi-Fi	-			
Local Recording	Micro SD/SDHC memory card slot		-	
Pan/Tilt		۰°۳۶.~۰.		
ingress protection		IP۶۶		
IR Illuminators	-		۱۰ m / ۰.۰ ft (Max.)	
Weight		۱,۳۰ kg		
Humidity		۰%~۹۰		
Power		PoE, DC ۱۲V, ۲۴V AC		

GV-VDxxD

3,2,1.3 MP H.264 low Lux IR Vandal- proof IP Camera

Features :

- 3,2,1.3 Megapixel progressive scan CMOS
- H.264, MPEG4 and MJPEG
- Up to 20 fps at 1536 * 2048
- IK+10 rating (for GV-VD320D and GV-VD321D only)
- IP66 rating
- -3axis mechanism (pan / tilt / roll)



Model	GV-VD۳۲۰D	GV-VD۲۲۰D	GV-VD۱۲۰D
Image Sensor	۳ Megapixel progressive scan CMOS	۲ Megapixel progressive scan CMOS	۱,۳ Megapixel progressive scan CMOS
Lens	Varifocal ۹ ~ ۳,۳ mm		
Min Illumination	Color ۱ Lux, B/W ۰ Lux		
Day/Night	Yes (with removable IR-cut filter)		
Compression	H.۲۶۴, MPEG۴, MJPEG		
Max Resolution	۱۰۳۳*۲۰۴۸	۱۰۸۰*۱۹۲۰	۱۰۲۴ * ۱۲۸۰
Max Frame Rate	۲۰ fps	۳۰ fps	
Audio I/O		۱/۱	
Alarm I/O	۱ Digital Output (۲۰۰mA ۰V DC)		
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, ۳GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)		
Onvif	RTSP support		
Wi-Fi	-		
Pan/Tilt		۰°۹. ~ ۰۱./۰°۳۰. ~ ۰.	
Ingress Protection	IP۶۶		
Vandal Proof	IK+۱۰		
IR Illuminators	۱۰ m / ۰.۰ ft (Max.)		
Weight	۱,۳ kg		
Humidity	٪۹۰~٪۱۰		
Power	PoE, DC ۱۲V, ۲۴V AC		

GV-SDxx

2 MP & D1 H.264 Outdoor IP Speed Dome Camera

Features :

- 2 MP & D1 progressive scan CMOS
- H.264 and MJPEG
- 18x Optical and 8x Digital Zoom
- DNR,WDR,motion detection
- Two-way audio support on Web interface



Model	GV-SD۰۰	GV-SD-۰۱۰S۳X	GV-SD-۰۱۰S۳X
Image Sensor	۲,۸/۱" Sony Progressive Scan CMOS Sensor	۴/۱" Exview CCD	۴/۱" Progressive CCD
Lens	۸.۴, ۱~۴,۳ mm 1/۸-X, ۸~۱x(digital)	۱۲۲,۴ ~ ۳,۴ mm, 1۲x	۸۲,۸ ~ ۳,۳ mm, 1۲x
Min Illumination	Color ۰,۰ lux , B/W ۰,۰ lux	color ۰,۱ lux, B/W ۰,۰ lux	
Day/Night	Yes (with IR cut filter)	Mechanical IR Cut Filter	
Compression	H.۲۶۴, MPEG۴, MJPEG		
Max Resolution	۱۰۸۰*۱۹۲۰	۰۷۶ * ۷۰۴	
Max Frame Rate	۳۰~۲۰ fps at ۱۰۸۰ * ۱۹۲۰	۳۰~۲۰ fps at D۱	
Audio I/O	Two way audio on web interface		
Alarm I/O	۲/۴ digital	۱ output	
Network Function	IPv۴, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, UPnP, IGMP, SNMP, QoS, IEEE ۸۰۲.۳x, ONVIF	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, ۳GPP/ISMA, RTSP, PSIA, QoS (DSCP), SNMP	
Onvif	RTSP support		
function	DNR-WDR-motion detection		
Pan/Tilt	۰°۳۶. endless/ ۰°۱۹. ~ ۰°۱۰.		
hardware function	scan-preset(۲۰۱)- Δcruise,sequence(Δ),autopan	scan-preset(۴-۲۰۱)cruise Preset speed up to ۰°۴۰./ secsequence(Δ),autopan(۴)	
vandal proof	-		
IR Illuminators	-		
Weight	۱,۶۲ kg		
Humidity	٪۹۰~٪۲۰		
Power	PoE, AC۲۴V		۲۴V AC

GV-PTZxxD

1.3 MP & D1 H.264 PTZ Camera

Features :

- 1.3 Megapixel & D1 progressive scan CMOS
- H.264, MJPEG and MPEG4
- Up to 15 fps at 1024* 1280
- Pan and tilt (Pan: ۰°175 ~ ۰°175-; Tilt: ۰°90 ~ ۰°45-)
- Built-in / external microphone
- One sensor input and alarm output



Model	GV-PTZ۱۰۰D	GV-PTZ-۱۰D
Image Sensor	۱,۳ Megapixel progressive scan CMOS	۴/۱" CCD image Sensor
Lens	۴,۰ mm	Mount, ۸~۲,۸
Min Illumination	color ۱,۰ Lux ,B/W ۰ Lux	Color ۲,۰ Lux,B/W ۰,۰ Lux
Day/Night	Yes (with removable IR-cut filter)	Yes (electronic)
Compression	H.۲۶۴, MPEG۴, MJPEG	
Max Resolution	۱۲۸۰ X ۱۰۲۴	۴۸۰*۷۰۴
Max Frame Rate	۳۰ fps at ۴۸۰*۷۰۴	
Audio I/O	۱/۱	
Alarm I/O	۱ Output (۲۰۰mA ۰V DC)	
Network Function	HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, ۳GPP/ISMA, RTSP, PSIA	
Onvif	RTSP support	
Pan/Tilt	۰°۹. ~ ۰°۴۰./۰°۱۷۰ ~ ۰°۱۷۰.	
local recording	Micro SD/SDHC card slot	
Ingress Protection	-	
Vandal Proof	-	
IR Illuminators	-	
Weight	۴۰ g	
Humidity	٪۹۰~٪۱۰	
Power	PoE, DC ۱۲V, ۲۴V AC	

GV-FDxxD

3,2,1.3 MP H.264 low Lux Fixed IP Camera

Features :

- 3,2,1.3" progressive scan CMOS
- H.264, MPEG4 and MJPEG
- Up to 20 fps at 1536 * 2048
- -3axis mechanism (pan / tilt / roll)
- Supports iPhone, iPad, Android & 3GPP
- Intelligent IR



Model	GV-FD۳۲۰D	GV-FD۲۲۰D	GV-FD۱۲۰D
Image Sensor	۳,۰/۱" progressive scan CMOS	۱,۳ Megapixel progressive scan CMOS	۳/۱" progressive scan CMOS
Lens	Varifocal, ۹ ~ ۳,۳ mm	Varifocal, ۸~۲,۸	Varifocal, ۹~۳,۳
Min Illumination	Color ۱ Lux, ۰,۰ Lux,B/W ۰ Lux	Color ۰,۰ Lux ,B/W ۰ Lux	Color ۰,۰ Lux ,B/W ۰ Lux
Day/Night	Yes (with removable IR-cut filter)		
Compression	H.۲۶۴, MPEG۴, MJPEG		
Max Resolution	۱۰۳۳*۲۰۴۸	۱۰۸۰ * ۱۹۲۰	۱۲۸۰ X ۱۰۲۴
Max Frame Rate		۲۰ fps	۳۰ fps
Audio I/O		۱/۱	
Alarm I/O	۱/۱	۱ Output (۲۰۰mA ۰V DC)	۱ Output
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, ۳GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)		
Onvif	RTSP support		
Pan/Tilt	۰°۹. ~ ۰°۱. ۰°۳۰. ~ ۰.		
local recording	Micro SD/SDHC card slot(for class ۱ card or above)		
Ingress Protection	-		
Vandal Proof	-		
IR Illuminators	۱۰ m / ۰.۰ ft (Max.)	-	۱۰ m / ۰.۰ ft (Max.)
Weight	۰۸۰ kg		
Humidity	٪۹۰~٪۱۰		
Power	PoE, DC ۱۲V, ۲۴V AC		

GV-CBxx

2,1.3 MP H.264 Cube IP Camera

Features :

- 2,1.3 Megapixel progressive scan CMOS
- H.264, MJPEG and MPEG4
- Up to 30 fps at 1080* 1920
- Two way audio
- Support iPhone, iPad, Android & 3GPP,WiFi



Model	GV-CBY۲۰	GV-CBY۲۰	GV-CBW۲۲۰	GV-CBW۲۲۰
Image Sensor	۲,۰/۱" progressive scan CMOS			
Lens	Fixed ۳,۳ mm			
Min Illumination	۱ Lux			
Day/Night	Yes (electronic)			
Compression	H.۲۶۴, MPEG۴, MJPEG			
Max Resolution	۱۰۸۰*۱۹۲۰	۱۰۲۴*۱۲۸۰	۱۰۸۰*۱۹۲۰	۱۰۲۴*۱۲۸۰
Max Frame Rate	۳۰ fps at ۱۰۸۰*۱۹۲۰	۳۰ fps at ۱۰۲۴*۱۲۸۰	۳۰ fps at ۱۰۸۰*۱۹۲۰	۳۰ fps at ۱۰۲۴*۱۲۸۰
Audio I/O	two way audio			
Alarm I/O	Tampering alarm			
Network Function	HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, ۳GPP/ISMA, RTSP, PSIA,SNMP,QoS(DSCP)			
Onvif	RTSP support			
WiFi	-		Yes	
local recording	Micro SD/SDHC card slot			
Ingress Protection	-			
Vandal Proof	-			
IR Illuminators	-			
Weight	۸۰ g		۷۰ g	
Humidity	٪۹۰~٪۱۰			
Power	DC jack			

32 ch DVR / HYBRID DVR / NVR

Supports Windows 7 and 64 bit Windows



GV-Video Analytics



Smart Phone / PDA / Tablet Applications Download

With GV-AView, you can connect to GV-System from KIND Smart Phone / Pad / Tablet mobile devices to remotely watch live view and play back recorded videos.



NVR, GV-Hybrid DVR & GV-NVR built-in Functions

Geovision Collaborative DVR / Hybrid DVR / NVR

GV-Hybrid DVR provides a mix solution for the IP infrastructure that enables users to view and manage videos received up to 32 channels from both analog cameras and IP cameras support over 100 IP camera models from more than 22 branded IP camera manufacturers:

- ACTi
- Arecont Vision
- AXIS
- BOSCH
- CANON
- CNB
- D-Link
- Etrovision
- Geovision
- HikVision
- iCAnTek
- ImmerVision
- IQinvision
- JVC
- MOBOTIX
- Panasonic
- Pelco
- SANYO
- UDP
- VERINT
- Vivotek
- More...

Important features

- 32 Channels
- Auto discovery for IP cameras
- H.264, MPEG4, MJPEG codecs
- Dual Streaming
- Resolution from CIF up to 5 Megapixel
- 2-way audio
- video Analytics functions
- POS / Access Control / LPR integration
- Mobile phone live view and playback
- Powerful management from CMS
- I/O device accessories
- Supports RTSP
- Fisheye 360° live, remote and playback
- ONVIF compliant
- PSIA compliant

GV-CMS



Include Four Softwares:

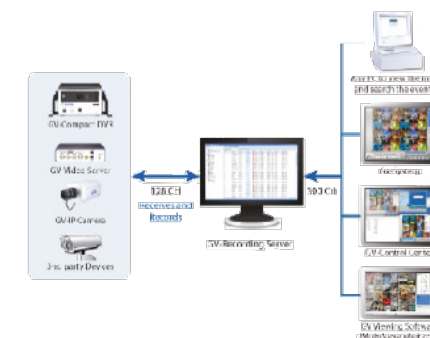
GV-Control Center: GV-IP Matrix features up to 32 live video streams using 32 monitors.

GV-Center V Pro : receives up to 19 most frequent alert of notifications video attachment and text - based messages.

GV-Vital Sign Monitor: is similar to center V Pro but using text-based notification only.

GV-Dispatch Server: balances Center V Pro network load, distributes client DVR requests from 10,000 GV-System to 100 Center V Pro.

GV-Recording Server



The GV-Recording Server is a video streaming server designed for :

-1 receive and record up to 128 channels from various IP video

-2 simultaneously distribute up to 300 channels to its clients which include GV-System (DVR/NVR System), GV-Control Center (Central monitoring system) and Multi View (Viewing software).



Get Full Vision Of Your Security Site



Accessory



RS-PY16 RS-PY-A RS-PY-E RS-PY-Y

16,8,4,1 Channel 800M Power, Video, Transmission, Antil- interference, 1Cable

- 1 cable for power and video transmission
- High efficient and stable power switch technology
- Remote video transmission capacity whitout distortion of the picture
- Easy to install, %50 laborsaving
- Professional design for easy management
- 800M RG1000 & 59m RG6 coaxial cable for clear video image without loss
- Enhance anti-interference capability



RS-KNY1

RS-KN21 Keyboard

- Network Keyboard & Control Keyboard
- Support DVR, NVS, PTZ Dome Camera
- RS232-, RS485- & Network Connections
- Joystick Control & PTZ Functions



HKB8-x02

HKB8-x02 Keyboard

- Screen display:2x16 -high speed ball,general ball,PTZ
- DecodeProtocol:PELCO_D,PELCO_P ALEC,SAMSUNG VIDO,NEON
- HTSCAM, TOTA KATEL,VCL,VICON
- Rate:1200,2400,4800,9600,19200
- Communication distance:Max 2400 m
- Output channel: 2 Channels



RS-KNY...

Networked Keyboard

- HD Network Keyboard
- Support DVR, NVS, PTZ Dome Camera
- RS232-, RS485- & Network Connections
- 4D-joystick control & PTZ Functions
- Support 1080P realtime preview



RS-LED1A

Weatherproof of IR Illuminator

- Available IR distance: 80m
- Size: 150(L)*120(H)*88(W)
- Power: 12V DC MAX 16W
- Weight: 1.9kg



RS-LEDD1

- Infrared LED with 40 m IR Range
- With Bracket
- power: 12VDC
- IP 550 ,66 g
- Water Proof



RS-SDKY1

Wireless Mini PTZ Controller

- IR remote controler: Support 99pcs cameras
- RS-485 communication
- Pelco D/P support
- Baud rate: 4800 ,2400 and 9600Bps
- Wireless distance: Max.20m
- Weight: 350g



MG-PW1A/MG-PW10/MG-LW-1/MG-LW-2/MG-LW-3

Power Supply

- Power Supply12v 18 Port , 18 output 1 amp Protected Adjust Voltage
- Power Supply12v 15 Amp Protected Adjust Voltage
- Power Supply12v 3 Amp Protected



Raster Housing

Vandal-proof & Anti Explosion Housings

Features:

- all kinds of vandal proof and anti explosion housing with best quality are provided by Raster company.





Lens

2 Megapixel Lenses

Raster Professional lens



Model	RS-D12312R	RS12118-R	RS-M12R	RS-01018-Z	RS-F121R
Focal-Lenght	12~33 mm	18~4 mm	4 mm	10~8 mm	4 mm
Format	1/2.7"	1/1.8"	3/1"	3/1"	3/1"
Aperture	1.4/1	1.4/1	1.4/1	1.8/1	1.2/1
Mount	CS	C	CS	CS	CS
Horizontal	79.3°~29.8°	1.3°~2.0°	79.4°	02.7°~05.2°	07.0°
Type	Vari-Focal Lens(DC)	Vari-Focal Lens(DC)	Mono-Focal Lens	Direct Drive	Fixed
MegaPixel	2	2	2	-	2

2 Megapixel Lenses

Raster Professional lens



Model	RS-IR12112F	RS-D1212	RS-IR12114V	RS-IR12114V	RS-IR12112F	RS-IR12112F	RS-D12018R
Focal-Lenght	8 mm	12~28 mm	8~3 mm	12~28 mm	4 mm	6 mm	18~30 mm
Format	3/1"	3/1"	2.7/1"	2.7/1"	3/1"	3/1"	2/1"
Aperture	1:1.2	1.4/1	1:1.4	1:1.4	1:1.2	1:1.2	1.4/1
Mount	CS	CS	CS	CS	CS	CS	C
Horizontal field	30.9°	022.6°~087.6°	92.0°~030.4°	92.0°~028.7°	70.4°	60.1°	10.4°~20°
Type	DC	DC	DC	DC	DC	DC	DC
MegaPixel	2	2	2	2	2	2	2

2,1,2 Megapixel Lenses

Raster Professional lens



Model	RS-D1212R	RS-D12018R	RS-D1212R	RS-D12018R	RS-D1212R	RS-D12018R	RS-D12018R
Focal-Lenght	10~4	8~3	9~4 mm	10~8 mm	12~28 mm	8~30 mm	8~3 mm
Format	2/1"	3/1"	3/1"	3/1"	3/1"	3/1"	3/1"
Aperture	1.6/1	1.0/1	1.4/1	1.4/1	1.4/1	1.4/1	1.0/1
Mount	C	CS	CS	CS	CS	CS	CS
Horizontal field	87.2°~44.4°	200.3°~100.7°	03.0°	019.0°	027.2°~092°	81.2°~41.0°	200.3°~100.7°
Type	DC	DC	DC	DC	DC	Direct Drive	DC
MegaPixel	2	3/1	3/1	3/1	3/1	-	3/1



"Amazing Speed, we are loving it!"



About time & attendance:

Raster Time & attendance management solution provides innovative products which can read employee's faces, fingerprints and/ or ID cards. This biometric system, help users to keep employees' information of their attendance at work and to have better management on worksite.



TIME & ATTENDANCE

Software

- Daily and weekly statistics and reports
- Manual adjustments (by authorized personnel only)
- Shift schedule reports
- Attendance exceptions tracking
- Multidevices support
- Windows XP, Vista and Windows 7 compatible

Raster provides total software solutions to meet different requirements, including PC-based and Web based software. This is PC-based time & attendance software application which has user friendly interface which uses can create work shifts and produce dozens of timely reports. With Raster Time.Net, your employee-time reports will be created faster and error-free.

RS1...

TIME & ATTENDANCE TERMINAL



- Color 3" TFT screen with GUI interface
- 3000 fingerprint & 100,000 transaction capacity
- Built-in USB port, TCP/IP
- SD card, Battery Backup, ID/Mifare, photo ID
- Optional Wi-Fi or GPRS, Printer

RS-TB1...

TOUCH SCREEN TIME & ATTENDANCE TERMINAL



- Color 3" TFT screen with GUI interface
- 6000 fingerprint & 10,000 card & 300,000 log capacity
- Built-in USB port, TCP/IP, Wi-Fi
- SD card, Battery Backup, ID/Mifare, photo ID, ADMS

RS-FD1.../1A.../V.../VA...

FACE TIME & ATTENDANCE TERMINAL



- Color 3" TFT screen with GUI interface
- 400 face & 10,000 ID card & 100,000 log capacity
- Built-in USB port, TCP/IP
- SD card, Battery Backup, ID/Mifare, photo ID
- Optional Wi-Fi or GPRS & 3rd party electric lock for 680/780

RS-TB 2.../3.../4.../5...

MULTIBIO TIME & ATTENDANCE TERMINAL



- Color 4.3" TFT screen with GUI interface & infrared optical system
- 400 face & 10,000 ID card & 100,000 log & 2000 fingerprint capacity
- Built-in USB port, TCP/IP, RS3, 485/232-3rd party electric lock
- SD card, Battery Backup, ID/Mifare, photo ID
- Optional Wi-Fi or GPRS

RS-TB 2.../3.../4.../5...

FACE TIME & ATTENDANCE TERMINAL



- Color 4.3" TFT screen with GUI interface & infrared optical system
- 400 face & 10,000 ID card & 100,000 log capacity
- Built-in USB port, TCP/IP, RS3, 485/232-3rd party electric lock
- SD card, Battery Backup, ID/Mifare, photo ID
- Optional Wi-Fi or GPRS

RS-IC1A.../2A...

FINGERPRINT TIME & ATTENDANCE TERMINAL



- Color 8" TFT screen with GUI interface
- 8,000 fingerprint & 200,000 record & 200,000 transaction capacity
- Built-in USB port, TCP/IP
- SD card, Battery Backup, ID/Mifare, photo ID
- Optional Wi-Fi or GPRS & Printer

RS-FC1/V/A

FINGERPRINT TIME & ATTENDANCE TERMINAL



- Color 3" TFT screen with GUI interface
- 3000 fingerprint & 100,000 record capacity
- Built-in USB port, TCP/IP, RS232/485-
- ID/Mifare, DST, SMS

RS-RT0.../1A.../AA...

RFID TIME & ATTENDANCE TERMINAL



- Color 3.5" TFT screen with GUI interface
- 10,000 ID card & 50,000 record capacity
- TCP/IP, Built-in USB port, RS232/485-
- SD card, Battery Backup, ID/Mifare, photo ID, Anti-passback
- Optional Wi-Fi or GPRS, DST



ACCESS CONTROL

About Access control:

Raster Access control management solution includes innovative products like IP-based standalone access control ,networked access control panel, readers, tripod turnstile and accessories. This system, help users to keep safety sites with lowest price and better quality than competitors.

RS-AB111-111-111

BIOMETRIC NETWORKED ACCESS CONTROLLER



- Truly biometric identification feature
- 4,2,1 door controlled & 4,4,2 card readers supported
- 12,6,2 inputs & 8,4,2 outputs
- 30,000 card holder & 3000 fingerprint & 100,000 log capacity
- With Anti-passback, Duress mode SDK , Interlock and real-time monitoring

RS-AC111-111-111

NETWORKED ACCESS CONTROLLER



- Multiple hardware protection measure
- 32bit MIPS CPU
- 12,6,2 ea input port & 4,2,1 ea output ports
- With Anti-passback, Duress mode SDK, LED indicator, B/S Structure
- RS485-TCP/IP

RS-AR011-111-111

RFID WEIGAND READERS



- 125 KHz proximity/13.56MHz Mifare card reader
- 34/26bit Weigand
- Up to 10CM for 125KHz proximity & 5 CM for 13.56 MHz Mifare card reading range
- 2ea input port
- With LED indicator , Beeper, solid Epoxy injection & External buzzer control

RS-AR111-111-111

RFID WEIGAND READERS



- 125 KHz proximity/13.56MHz Mifare card reader
- 34/26bit Weigand & 26bit Weigand for AR1000
- Up to 10CM for 125KHz proximity & 5 CM for 13.56 MHz Mifare card reading range & 120~90CM for RS-AR1000
- 2ea input port
- With LED indicator, Beeper, solid Epoxy injection & External buzzer control

RS-IFV11

IP-BASE FINGERPRINT IDENTIFICATION TERMINAL



- IP based fingerprint terminal for access control & time attendance
- 2200 fingerprint & 10,000 card & 30,000 log capacity
- With DLST,Anti-passback,Webserver, Access control interface for 3rd party electric lock, Door sensor, Buzzer
- TCP/IP,Weigand input and output

RS-IBV11

MULTI-BIOMETRIC IDENTIFICATION TERMINAL



- 3" TFT touch screen multi biometric terminal
- 5000 fingerprint & 10,000 card & 30,000 log capacity & 3000 face capacity
- Access control interface for 3rd party electric lock, door sensor
- Weigand Input & Output
- TCP/IP, RS232-485-, USB-host

RS-IFV11-111-111

FINGERPRINT READER DEVICE



- -1touch ,-1second employee recognition
- 2200 fingerprint & 50,000 log capacity
- With SMS,DLST, Webserver, Workcode, Anti-passback
- Supports 50 time zones, 5 groups and 10 unlock combinations
- TCP/IP, RS232/485-, USB-host, Weigand output & input

RS-STR11

RFID IDENTIFICATION TERMINALS



- Store 30,000 cards & 50,000 transactions
- With DST,Access control interface for 3rd party electric lock, Door sensor, Alarm, Photo ID
- TCP/IP, RS232/485-, USB-host, Weigand input and output, Webserver , 9 digit number
- Full door lock control system
- ID card standard, Mifare card optional



RS-ST1۰۳/۴۰۳/۵۰۳

RFID IDENTIFICATION TERMINALS



- Store 30,000 cards & 50,000 transactions
- With DST, Access control interface for 3rd party electric lock, Door sensor, Alarm, Photo ID
- TCP/IP, RS232/485-, USB-host, Weigand input and output, SMS
- Full door lock control system
- ID card standard, Mifare card optional

RS-AR1۲۰۰

OUTDOOR FINGERPRINT READER



- Fingerprint identification with 324 KHz proximity
- ID/Mifare card module
- RS485-, Buzzer
- Match with biometric multi-door controller & standalone access control terminals
- IP65

RS-IH۴۰۰۰/۵۰۰۰

HOTEL DOOR LOCK



- Standalone electric lock with 13.56MHz Mifare technology
- 20,000 unlocking activities for one new battery pack
- Hotel lock management software, Windows XP/vista
- Mechanical key & beeper
- Mifare card

RS۴۵۰۰۰۰

USB FINGERPRINT SCANNER



- Optical sensor fingerprint reader
- With 20*15 mm sensing area & 360*280 pixel image size
- USB interface
- Support Windows XP, vista & Windows 7

RS-IV۰۰۰

FINGERPRINT DOOR LOCK



- Multi-factor 1.2" identification door lock
- 500 fingerprint templates & 100(6-9 digits) password & 30,000 log capacity
- With USB memory stick
- Mechanical key & emergency battery
- ID/Mifare card

RS-IE۰۰۰۰/۵۰۰۰

FINGERPRINT DOOR LOCK



- Multi-factor 1.2" identification door lock
- 500 fingerprint templates & 100(6-9 digits) password & 30,000 log capacity
- With USB memory stick
- Mechanical key & emergency battery
- ID/Mifare card

RS-LAV۰

FACIAL IDENTIFICATION LOCK



- 3" TFT screen identification lock
- 100 face & password & 200 card & user & 30,000 record capacity
- High pixel double camera, Low battery warning
- USB interface

RS-SOFT ACCESS 1,۵۲

Integrated Access Control Management Software

Features:

- Easy to navigate home page with quick links
- Simple fill-in-the blanks enrollment of personnel
- Includes embedded fingerprint registration tool for using biometric readers
- Link personnel to photos for visual verification
- Advanced access control features like Anti-pass back Door interlocks, Multi-card opening
- One click database back-up
- SDK for integrating
- Video management system integration
- Client workstation access the system using a standard web browser
- Real-time event monitoring with door status icons and photo pop-ups of badges users

Model	RS-Soft Access 1,۵۲
License	Yes
System architecture	Server/Browser
DA	MySQL, MS SQL
Max device	۱۰۲۴
Time zones	۲۵۵
Access level	No limitation
Function	First card opening, Passage mode, Video integration, Elevator control
Holiday/Leave Drive	N/A
Report	N/A
In/Out board	N/A
Shift Management	N/A
Visual Map	Yes
Visitor management	Yes
Anti-pass Back	Yes
Event monitoring	Yes
Interlock	Yes
Linkage	Yes
Work time calculation	Yes

RS-IR۰۰۰

ANTI-THEFT FINGERPRINT DOOR LOCK



- OLED display fingerprint lock
- 500 fingerprint & 100 password & 30000 capacity
- Hotel lock management software, Windows XP/vista
- Mechanical key & password & fingerprint verification methods
- Mifare card

Raster Exit Buttons

EXIT BUTTONS



- No touch exit sensor
- IP55 ingress protection
- reading distance 5CM
- Application: gate, door, lock

Raster Professional Accessories

ACCESSORIES



- Accessories include tags, USB reader & sensor
- The RFID proximity tags offer 125KHZ ISO format proximity technology



Meeting Your Surveillance Needs In 2012 Cataloge



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