

GENERAL CATALOG 2012.1

PROFESSIONAL SECURITY SYSTEMS & ACCESS
CONTROL PRODUCTS



Video Wall

Professional Design For Long Time Operation

RASTER

RS-W46NXX

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-W46NXX
Resolution		1366 * 768 8bit
LCD panel	Standard color	16.7
	Type	DID TFT-LCD
	Viewing area	1018.353mm(H) * 572.544mm(V)
	Screen proportion ratio	16:9
	Contrast ratio	4000:1
	Response time	8ms
	Viewing angle	178°
PC signal RGB input	H-frequency	65-70KHz
	V-frequency	60Hz
Video (CVBS)	Color signal type	PAL - NTSC
	CVBS input/output	1Vp-p,75Ω-BNC*1
YUV(Ypbpr)		1920 * 1080P(60Hz)-downward compatible
VGA		1366 * 768(60Hz)- downward compatible
HDMI		1920 * 1080i(60Hz)- downward compatible
Communication interface		RS-232-RJ485
Power voltage		AC100 ~ 240V-50/60Hz-2A
Operating environment	Temperature	0°C ~ 50°C
	Humidity	20 ~ 90%
Storage environment	Temperature	-25°C ~ 60°C
	Humidity	5 ~ 90%
Storage environment	Cooling system	Single-fan cooling
Chassis material		metal
dimensions	LCDE panel	1025.653 mm * 579.844mm
Weight(LCD panel +unit)		26.5Kg

The Minimum Thickness



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DVR

RS-11xxHFS3

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 with 1080P 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	RS-1116HFS3	RS-1108HFS3	RS-1104HFS3
Image Resolution	CIF/D1/960H		
Max Frame Rate	400/480 fps at 960H	200/240 fps at 960H	100/120 fps at 960H
Video Input	16(BNC)	8(BNC)	4(BNC)
Compression	H.264 - G.711		
Dual Streams	Support		
Max Resolution	1920 * 1080		
Video Output	1(HDMI)+1(VGA)+1(BNC)		
Loop/ Matrix Output	16/1	8/1	4/1
Audio Input	16(BNC)	8(BNC)	4(BNC)
Audio Output	1(BNC)		
Bidirectional Talk	1(BNC) IN+1(BNC) OUT		
Internal HDD	8 SATA HDDs		
External HDD	eSATA(4 SATA HDDs)		
Alarm In	16(Low Voltage)	8(Low Voltage)	4(Low Voltage)
Relay Out	6		
Ethernet(RJ-45)	10/100M/1000M		
USB	USB2.0, 4 ports		
RS-232	Support		
RS-485	Support		
Playback Channel	Internal		
Case	2U		

RS-9xxHFS3

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 D1(4CIF) 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	RS-932HFS3	RS-916HFS3	RS-908HFS3	RS-904HFS3
Image Resolution	CIF/2CIF/HD1/D1			
Max Frame Rate	800~960fps at D1	400~480fps at D1	200~240fps at D1	100~120fps at D1
Video Input	32(BNC)	16(BNC)	8(BNC)	4(BNC)
Compression	H.264 - G.711			
Dual Streams	Support			
Max Resolution	1920*1080			
Video Output	1(HDMI)+1(VGA)+1(BNC)			
Loop/ Matrix Output	-	16/1	8/1	4/1
Audio Input	16(BNC)	16(BNC)	8(BNC)	4(BNC)
Audio Output	1(BNC)			
Bidirectional Talk	1(BNC) IN+1(BNC) OUT			
Internal HDD	8 SATA HDDs			
External HDD	eSATA(4 SATA HDDs)			
Alarm In	16(Low Voltage)	16(Low Voltage)	8(Low Voltage)	4(Low Voltage)
Relay Out	6	6	6	16
Ethernet(RJ-45)	10/100M/1000M			
USB	USB2.0, 3 ports			USB2.0, 4 ports
RS-232	Support			
RS-485	Support			
Playback Channel	Internal			
Case	2U			

RS-9xxLFS3

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 D1(4CIF) recording with 12fps
- Each channel at CIF and special channel at D1 recording
- 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	RS-932LFS3	RS-916LFS3	RS-908LFS3	RS-904LFS3
Image Resolution	D1 / 4 CIF/ CIF			
Max Frame Rate		400 ~ 480 fps at CIF	200 ~ 240 fps at CIF	100 ~ 120 fps at CIF
Video Input	32BNC	16BNC	8BNC	4BNC
Compression	H.264 - G.711			
Dual Streams	support			
Max Resolution	1920 * 1980			
Video Output	1(HDMI) + 1(VGA) + 1(BNC)			
Loop/ Matrix Output	16		8	4
Audio Input	16BNC		8BNC	4BNC
Audio Output	1BNC			
Bidirectional Talk	1in/1out-BNC			
Internal HDD	8 SATA ports, 8HDDs or 6 HDDs + 1CD / DVD - RW, Max 2 TB per HDD supported			
External HDD	1port	-	-	-
Alarm In	16		8	4
Relay Out	6			
Ethernet(RJ-45)	10 / 100M			
USB	USB2.0, 2 ports			
RS-232	Support			
RS-485	Support			
Playback Channel	1/2/4/16		1/2/4ALL	
Case	2U			

RS-8xxLFS3

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

Features:

- 16, 8, 4 cameras with full HD 1080P display and 4, 8, 4 Channel audio inputs
- Full D1(4CIF) 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	RS-816LFS3	RS-808LFS3	RS-804LFS3
Image Resolution	CIF/2CIF/HD1/D1		
Max Frame Rate	400/480fps at D1	200/240fps at D1	100/120fps at D1
Video Input	16(BNC)	8(BNC)	4(BNC)
Compression	H.264 - G.711		
Dual Streams	Support		
Max Resolution	1920 * 1080		
Video Output	1(HDMI)+1(VGA)+1(BNC)		
Loop/ Matrix Output	N/A/1		
Audio Input	4(RCA)	8(RCA)	4(RCA)
Audio Output	1(RCA)		
Bidirectional Talk	1(RCA)		
Internal HDD	2 SATA HDDs		
External HDD	-		
Alarm In	16(Low Voltage)	8(Low Voltage)	4(Low Voltage)
Relay Out	2		
Ethernet(RJ-45)	10/100M/1000M		
USB	USB2.0, 2 ports		
RS-232	Support		
RS-485	Support		
Playback Channel	External		
Case	1.5U		

RS-916LMS3

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	RS-916LMS3
Image Resolution	CIF/2CIF/HD1/D1
Max Frame Rate	400 ~ 480fps at 2CIF/HD1
Video Input	16(BNC)
Compression	H.264 - G.711
Dual Streams	Support
Max Resolution	1920 * 1080
Video Output	1(HDMI)+1(VGA)+1(BNC)
Loop/ Matrix Output	16/1
Audio Input	16(BNC)
Audio Output	1(BNC)
Bidirectional Talk	1(BNC) IN+1(BNC) OUT
Internal HDD	8 SATA HDDs
External HDD	eSATA(4 SATA HDDs)
Alarm In	16(Low Voltage)
Relay Out	6
Ethernet(RJ-45)	10/100M/1000M
USB	USB2.0, 3 ports
RS-232	Support
RS-485	Support
Playback Channel	Internal
Case	2U

RS-8xxLNS3

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	RS-816LNS3	RS-808LNS3	RS-804LNS3
Image Resolution	CIF/D1		
Max Frame Rate	400 ~ 480 fps at CIF	200 ~ 240 fps at CIF	100 ~ 120 fps at CIF
Video Input	16(BNC)	8(BNC)	4(BNC)
Compression	H.264 - G.711		
Dual Streams	Support		
Max Resolution	1920 * 1080		
Video Output	1(HDMI)+1(VGA)+1(BNC)		
Loop/ Matrix Output	16/1	8/1	4/1
Audio Input	4(BNC)		
Audio Output	1(BNC)		
Bidirectional Talk	1(BNC) IN+1(BNC) OUT		
Internal HDD	4 SATA HDDs		
External HDD	1eSATA		
Alarm In	16(Low Voltage)	8(Low Voltage)	4(Low Voltage)
Relay Out	6		
Ethernet(RJ-45)	10/100M		
USB	USB2.0, 2 ports		
RS-232	Support		
RS-485	Support		
Playback Channel	Internal		
Case	1.5U		

RS-4xxLS3

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 channel 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	RS-416LS3	RS-408LS3	RS-404LS3
Image Resolution	CIF/D1		
Max Frame Rate	400/480 fps at CIF	200/240 fps at CIF	100/120 fps at CIF
Video Input	16(BNC)	8(BNC)	4(BNC)
Compression	H.264 - G.711		
Dual Streams	Support		
Max Resolution	1920*1080		
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	3	3	3
Ethernet(RJ-45)	10/100M		
USB	USB2.0, 2 ports		
RS-232	Support		
RS-485	Support		
Playback Channel	External		
Case	1U		

RS-816CN

16 Channel Entry-level 1.5U Standalone DVR

Features:

- 16 cameras with SXGA(1280*1024) display and 4 Channel audio inputs
- Each channel 25~30 fps at CIF or 6/7fps 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	RS-816CN
Image Resolution	CIF/D1
Max Frame Rate	400/480fps at CIF
Video Input	16(BNC)
Compression	H.264 - G.711
Dual Streams	Support
Max Resolution	1280*1024
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	3
Ethernet(RJ-45)	10/100M/1000M
USB	USB2.0, 2 ports
RS-232	Support
RS-485	Support
Playback Channel	External
Case	1.5U

RS-4xxCE

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 (1280*1024) and 1Channel audio inputs
- Support CIF realtime recording or D1(4CIF) recording with 6/7fps
- 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	RS-416CE	RS-408CE	RS-404CE
Image Resolution	CIF/D1		
Max Frame Rate	400/480 fps at CIF	200/240 fps at CIF	100/120 fps at CIF
Video Input	16(BNC)	8(BNC)	4(BNC)
Compression	H.264 -G.711		
Dual Streams	Support		
Max Resolution	1280x1024		
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	3	3	1
Ethernet(RJ-45)	10/100M/1000M		
USB	USB2.0, 2 ports		
RS-232	Support		
RS-485	Support		
Playback Channel	1/2/4/All		1/2/4
Case	1U		Mini 1U

RS-4xxxHFS1

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 D1(4CIF) 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	RS-416HFS1	RS-408HFS1	RS-404HFS1
Image Resolution	D1 / 4CIF / HD1/2CIF / CIF/QCIF		
Max Frame Rate	400 * 480 at CIF	200 * 240 at CIF	100 * 120 at CIF
Video Input	4BNC		
Compression	H.264 - G.711		
Dual Streams	support		
Max Resolution	1920 * 1080		
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 3TB HDD support		
External HDD	-		
Alarm I/O	4/1		
Relay Out	1		
Ethernet(RJ-45)	10 / 100 / 1000M		
USB	2Ports		
RS-232	support		
RS-485	support		
Playback Channel	1 / 2 / 3/ 4 syns playback		
Case	1U		

RS-4xxLSH

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	RS-416LSH	RS-408LSH	RS-404LSH
Image Resolution	CIF/D1		
Max Frame Rate	400 ~ 480 fps at CIF	200 ~ 240 fps at CIF	100 ~ 120 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	4(RCA)	4(RCA)	2(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(RJ-45)	10/100M		
USB	USB2.0, 2 ports		
RS-232	-		
RS-485	Support		
Playback Channel	1 / 2 / 4 / All		
Case	1U		

RS-98xxDH

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 2/1 SATAs,CD/DVD-RW,1eSATA,2USB.0
- Support TCP/IP protocol,PPPOE,DDNS,USB backup

**RS-97xxVL**

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/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

**RS-96xxVL**

H.264 Standalone DVR

Features:

- 16, 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/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	RS-9816DH	RS-9808DH	RS-9704DH
Image Resolution	D1 /CIF		
Max Frame Rate	400 ~ 480 fps at D1	200 ~ 240 fps at D1	100 ~ 1200 fps at D1
Video Input	16	8	4
Compression	H.264		
Dual Streams	Support		
Max Resolution	1920*1980		
Video Output	1(HDMI) + 1(VGA)		
Loop/ Matrix Output	-	-	-
Audio Input	16	8	4
Audio Output	2	1	
Bidirectional Talk			
Internal HDD	2 SATA		
External HDD	-		
Alarm In	16	8	1
Relay Out	4		
Ethernet(RJ-45)	10 / 100M		
USB	2.USB		
RS-232	support		
RS-485	support		
Playback Channel	16/8/4		
Case	1U		

Model	RS-9708VL	RS-9708VL
Image Resolution	D1 /CIF	
Max Frame Rate	200 ~ 240 fps at D1	100 ~ 1200 fps at D1
Video Input	8	4
Compression	H.264	
Dual Streams	Support	
Max Resolution	1920*1980	
Video Output	1(BNC)+1(VGA)	
Loop/ Matrix Output	-	
Audio Input	4	
Audio Output	1	
Bidirectional Talk	-	
Internal HDD	1 SATA	
External HDD	-	
Alarm In	-	
Relay Out	-	
Ethernet(RJ-45)	10 / 100M	
USB	2.USB	
RS-232	-	
RS-485	support	
Playback Channel	8/4	
Case	1U	

Model	RS-9616VL	RS-9608VL
Image Resolution	D1 /CIF	
Max Frame Rate	400 ~ 480 fps at D1	200 ~ 240 fps at D1
Video Input	16	8
Compression	H.264	
Dual Streams	Support	
Max Resolution	1920*1980	
Video Output	1(BNC)+1(VGA)	
Loop/ Matrix Output	-	
Audio Input	1	4
Audio Output	1	
Bidirectional Talk	-	
Internal HDD	1 SATA	
External HDD	-	
Alarm I/O	1/1	4/1
Relay Out	-	
Ethernet(RJ-45)	10 / 100M	
USB	2.USB	
R-S232	-	
RS-485	-	
Playback Channel	16	8
Case	1U	

RS-98xxVL

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

**RS-95xxVL**

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

**RS-99xxDH**

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	RS-9832DH	RS-9816VL
Image Resolution	D1	CIF
Max Frame Rate	800 fps at D1	800 fps at CIF
Video Input	32(BNC)	
Compression	H.264	
Dual Streams	Support	
Max Resolution	704*576	
Video Output	1	
Loop/ Matrix Output	-	
Audio Input	4	8
Audio Output	1	
Bidirectional Talk	-	
Internal HDD	2 SATA	
External HDD	-	
Alarm I/O	8/2	
Relay Out	-	
Ethernet(RJ-45)	10 / 100M/1000M	
USB	2.USB	
RS-232	-	
RS-485	support	
Playback Channel	32	
Case	1U	

Model	RS-9516VL	RS-9508VL	RS-9504VL
Image Resolution	D1	2CIF&6D1	D1
Max Frame Rate	400 fps at D1	200 fps at CIF& D1	100 fps at D1
Video Input	16/8/4		
Compression	H.264		
Dual Streams	Support		
Max Resolution	704*576		
Video Output	1		
Loop/ Matrix Output	-		
Audio Input	4	1	
Audio Output	1		
Bidirectional Talk	-		
Internal HDD	1 SATA		
External HDD	-		
Alarm I/O	16/1	8/1	4/1
Relay Out	-		
Ethernet(RJ-45)	10 / 100M/1000M		
USB	2.USB(USB 3G Wireless and USB Wifi)		
RS-232	-		
RS-485	support		
Playback Channel	16	8	4
Case	1U		

Model	RS-9916DH	RS-9908DH	RS-9904DH
Image Resolution	D1		
Max Frame Rate	400 fps at D1	200 fps atD1	100 fps at D1
Video Input	16/8/4		
Compression	H.264		
Dual Streams	Support		
Max Resolution	704*576		
Video Output	1		
Loop/ Matrix Output	-		
Audio Input	16	8/4	
Audio Output	2		
Bidirectional Talk	-		
Internal HDD	8 SATA		
External HDD	-		
Alarm I/O	16/2	8/2	4/2
Relay Out	-		
Ethernet(RJ-45)	10 / 100M/1000M		
USB	2.USB(USB 3G Wireless and USB Wifi)		
RS-232	-		
RS-485	support		
Playback Channel	16	8	4
Case	1U		



SPECIAL DVR

RS-8xxxVS3

16,8,4 Channel Combo Standalone DVR

Features:

- Up to 16,8,4 cameras with SXGA(1280*1024) display
- Built-in 19 inch LCD display(1366*768), 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	RS-816VS3	RS-808VS3	RS-804VS3
Image Resolution	CIF/D1	CIF/D1	CIF/D1
Max Frame Rate	400 ~ 480 fps at CIF	200 ~ 240 fps at CIF	100 ~ 120 fps at CIF
Video Input	16(BNC)+1(VGA)	8(BNC)+1(VGA)	4(BNC)+1(VGA)
Compression	H.264 - G.711		
Dual Streams	Support		
Max Resolution	1280 * 1024		
Video Output	1(HDMI)+1(BNC)		
Loop/ Matrix Output	19"(1366x768)		
Audio Input	4(BNC)		
Audio Output	1(BNC)		
Bidirectional Talk	Same with audio in channel 1		
Internal HDD	1 SATA 3.5" HDD		
External HDD	-		
Alarm In	16	8	4
Relay Out	3		
Ethernet(RJ-45)	10/100M		
USB	USB 2.0 , 2 ports		
RS-232	Support		
RS-485	Support		
Playback Channel	1 / 2 / 4 / All		
Case	1104		

RS-40xxVCS3

8,4 Channel Combo Standalone DVR

Features:

- 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	RS-408VCS3	RS-404VCS3
Image Resolution	CIF/D1	
Max Frame Rate	200 ~ 240 fps at CIF	100 ~ 120 fps at CIF
Video Input	8(BNC)	4(BNC)
Compression	H.264, G.711	
Dual Streams	Support	
Max Resolution	800 * 600	
Video Output	1(BNC)	
Loop/ Matrix Output	10"(800*600)	
Audio Input	4(BNC)	
Audio Output	1(BNC)	
Bidirectional Talk	Same with audio in channel 1	
Internal HDD	1 SATA 2.5" HDD	
External HDD	-	
Alarm In	4	
Relay Out	1	
Ethernet(RJ-45)	10/100M	
USB	USB2.0, 2 ports	
RS-232	Support	
RS-485	Support	
Playback Channel	External	
Case	1104	

RS-NVS10xxxD

4,2,1 Channel H.264 Network Video Server

Features:

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



Model	RS-NVS104D	RS-NVS102D	RS-NVS101D
Video Compression	H.264		
Audio Compression	G.711		
Image Resolution	CIF/2CIF/VGA/D1	CIF/2CIF/VGA	CIF/2CIF/VGA/D1
Dual Streams	Support		
Frame Rate	25/30fps(CIF)	25/30fps(2CIF/VGA)	25/30fps(D1)
Video input	4 / 1	2 / 1	1 / 1
Video output	1		
Audio input	4	2	1
Audio output	1		
Alarm I/O	4 / 2		
Bidirectional talk Input	1,3.5mm JACK MIC		
Audio input	4	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 base-T		
Network functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Email, Alarm Server		
RS-232	Support		
RS-485	Support		
Power	DC12V		

RS-20xxxMD3

4,2,1 Channel CF Card Mobile Standalone DVR

Features:

- 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	RS-204MD3	RS-202MD3	RS-201MD3
Image Resolution	CIF/D1	CIF/2CIF/HD1/D1	CIF/2CIF/HD1/D1
Max Frame Rate	100 ~ 120 fps at CIF	50 ~ 60 fps at HD1	25 ~ 30 fps at D1
Video Input	2(BNC)		
Compression	H.264 - G.711A		
Dual Streams	Support		
Max Resolution	1280*1024		
Video Output	1(VGA)+1(BNC)		
Loop/ Matrix Output	-		
Audio Input	4(BNC)	2(BNC)	1(BNC)
Audio Output	1(BNC)		
Bidirectional Talk	1(BNC) IN+1(BNC) OUT		
Internal HDD	2 CF card		
External HDD	-		
Alarm In	7(Low Voltage)		
Relay Out	1		
Ethernet(RJ-45)	10/100M		
USB	USB2.0, 1 port		
RS-232	Support		
RS-485	Support		
Playback Channel	1		
Case	1104		

RS - NVD 1xxHD

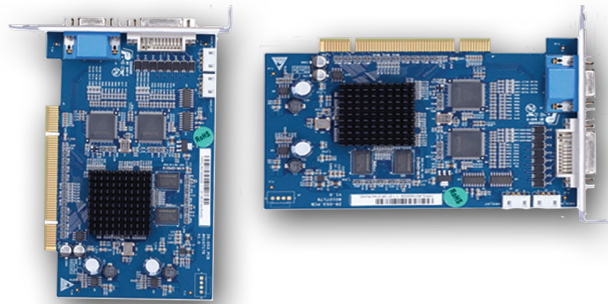
4,1 Channel Full HD Network Video Decoder

Features:

- Full HD standalone network video decoder for TV wall monitoring system
- Support multiple devices: Network camera, DVR, NVS
- H.264/MPEG-4 dual codec video decoding
- Support multiple resolution decoding: QCIF/CIF/2CIF/ HD1/D1/720P/1080P
- Up to 1080P display output & various interface: HDMI, VGA and BNC
- Support various split-window modes



Model	RS-NVD 104 HD	RS-NVD 101 HD
main processor	high performance dual-core embedded microprocessor	
Operating system	embedded LINUX	
Video resolution	QCIF/CIF/2CIF/HD1/D1/720P/1080P	
Video Output	4HDMI - 4VGA - 4BNC	1HDMI - 1VGA - 1BNC
Video decoding	D1: 28 Channel, 2MBps/720P: 14 channel, 4MBps/1080P: 7Channel, 8MBps	D1: 16 Channel, 2MBps/720P: 8 channel, 4MBps/1080P: 4Channel, 8MBps
Max Frame Rate	1~25 fps	
Display resolution	1280 * 1024 / 1280 * 720 / 1920 * 1080	
Audio Output	4HDMI - 4BNC	1HDMI - 1BNC
Voice Intercom	1 in (BNC) - 1 out (BNC)	
Ethernet(RJ-45)	10/100/1000M	
Bit stream type	Video / Audio composite stream / Video stream	
Tour Display	Support, 1/4/9	
Alarm input	16	
Alarm output	8	
Network protocol	HTTP,TCP/IP,UDP,NTP,DHCP, DNS	
USB	USB 2.0 port	
RS-232	support	
RS-485	support	
power supply	DC12V-5.0A	DC12V-3.3A
power consumption	10W	
case	1U	



DVR CARD



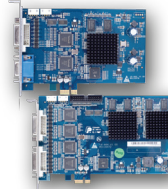
NVR

20xxHBX

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 tour display
- SDK in Windows OS or Linux OS compatible with the previous released
- PCI express interface



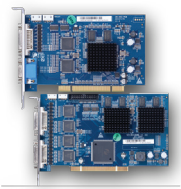
Model	RS-C2016HBX	RS-C2008HBX
PCI Standard	PCI-Express 1.0 (1X)	PCI-Express 1.0 (1X)
Input	16 channel, BNC(1.0Vp-p, 75)	8 channel, BNC(1.0Vp-p, 75)
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Preview Resolution	4CIF(D1)/CIF/QCIF, Realtime	4CIF(D1)/CIF/QCIF, Realtime
Compression	H.264	
Encoding Resolution	4CIF/D1(704*576/704*480), Half-D1(352*576/352*480)	
Encoding Speed	Main Stream: 4CIF(D1)/Half-D1/2CIF/CIF/QCIF with 25 ~ 30 fps	
	Extra Stream: CIF/QCIF with 25/30 fps	
RAW Stream	Support, Full-channels at 4CIF(D1)/CIF/QCIF	
Output	2 channel TV(BNC)/2channel VGA	1 channel TV(BNC)/1channel VGA
	1/4/8/9/16 display split, Support Tour function	1/4/8/9 display split, Support Tour function
Input	16 channel, BNC(2.0Vp-p 1000)	8 channel, BNC(2.0Vp-p 1000)
Compression	PCM(G.711)	
Working Environment	-10~+55°C / 10~90%RH / 86~106kpa	
Power Requirement	5V±10%, 3.3V±10%	
Power Consumption	12W	8W
Dimension	175mm * 106.6mm	145mm * 93mm

RS-C20xxHB

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 tour display
- SDK in Windows OS or Linux OS compatible with the previous released
- PCI express interface



Model	RS-C2016HBX	RS-C2008HBX
PCI Standard	PCI 2.2	PCI 2.2
Input	16 channel, BNC(1.0Vp-p, 75)	8 channel, BNC(1.0Vp-p, 75)
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Preview Resolution	4CIF(D1)/CIF/QCIF, Realtime	
Compression	H.264	
Encoding Resolution	4CIF/D1(704 * 576/704 * 480), Half-D1(352 * 576/352 * 480)	
Encoding Speed	Main Stream: 4CIF(D1)/Half-D1/2CIF/CIF/QCIF with 25 ~ 30fps	
	Extra Stream: CIF/QCIF with 25/30 fps	
RAW Stream	Support, Full-channels at 4CIF(D1)/CIF/QCIF	
Output	2 channel TV(BNC)	1 channel TV(BNC)/1 channel VGA
	1/4/8/9/16 display split, Support Tour function	1/4/8/9 display split, Support Tour function
Input	16 channel, BNC(2.0Vp-p 1000)	8 channel, BNC(2.0Vp-p 1000)
Compression	PCM(G.711)	
Working Environment	-10~+55°C / 10~90%RH / 86~106kpa	
Power Requirement	5V±10%, 3.3V±10%	
Power Consumption	12W	8W
Dimension	175mm * 106.6mm	145mm * 93mm

RS-31xxNVR

16,8,4 Channel 1U standalone Network Video Recorder

Features:

- Dual-core CPU powerful preview, recording, playback and network performance
- H.264/MPEG-4 dual codec decoding
- Up to 16 channel at D1, 8 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-3116NVR	RS-3108NVR	RS-3104NVR
IP Camera Input	16ch at D1 / 8ch at 720P / 4ch at 1080P	8ch at D1 / 4ch at 720P / 2ch at 1080P	4ch at D1 / 2ch at 720P / 1ch at 1080P
IP Camera	Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG, SANYO, SONY, ONVIF		
Compression	H.264, MPEG4		
Video Resolution	1920 * 1080		
Recording Rate	up to 32Mbps	up to 16 Mbps	up to 8 Mbps
Playback Channel	1/2/4/All		
Hard Disk	SATA * 2, Max 6TB		
Video Output	1 (HDMI) + 1 (VGA)		
Display Resolution	1080P(10920 * 1080)		
Alarm I/O	16 / 3	8 / 3	4 / 3
Ethernet	10/100/1000M		
USB	USB 2.0 x 2		
R-S232	Support		
R-S485	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 / 3.3A		

RS-32xxNVR

16,8,4 Channel 2U standalone Network Video Recorder

Features:

- Dual-core CPU powerful preview, recording, playback and network performance
- H.264/MPEG-4 dual codec decoding
- Up to 16 channel at D1, 8 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-3216NVR	RS-3208NVR	RS-3204NVR
IP Camera Input	16ch at D1 / 8ch at 720P / 4ch at 1080P	8ch at D1 / 4ch at 720P / 2ch at 1080P	4ch at D1 / 2ch at 720P / 1ch at 1080P
IP Camera	Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG, SANYO, SONY, ONVIF		
Compression	H.264, MPEG4		
Video Resolution	1920 * 1080		
Recording Rate	480fps at D1 / 240fps at 720P / 120fps at 1080P	240fps at D1 / 120fps at 720P / 60fps at 1080P	120fps at D1 / 60fps at 720P / 30fps at 1080P
Playback Channel	1/2/4/All	1/2/4/All	1/2/4
Hard Disk	8 SATA ports, 8HDDs or 6HDDs+1 CD/DVD-RW up to 24 TB		
Video Output	1(HDMI)+ 1(VGA)		
Display Resolution	1920 * 1080		
Alarm I/O	16 / 6	8 / 6	4 / 6
Ethernet	10/100/1000M		
USB	USB2.0 x 4		
RS-232	Support		
RS-485	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 100~240V		

RS-9xxHNS3

16,8,4 Channel analog and 16 Channel IP 2U Hybrid DVR

Features:

- Dual-core CPU powerful preview, recording, playback and network performance
- Up to 32/24/20 channel with 1080P realtime live view
- Simultaneous realtime playback, GRID interface and smart search
- H.264/MPEG-4 decoding & H.264 dual-stream encoding
- IP: 16 channel at D1, 8 channel at 720P, 4 channel at 1080P realtime recording



Model	RS-916HNS3	RS-908HNS3	RS-904HNS3
IP Camera Input	16ch at D1 / 8ch at 720P / 4ch at 1080P		
IP Camera	Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG, SANYO, SONY, ONVIF		
Compression	H.264, MPEG4, G.711		
Video Resolution	1080P-D1(704*576)		
Recording Rate	IP: 480 fps at D1 / 240 fps at 720P / 120 fps at 1080P Analog: 400 ~ 480 fps at D1 - 400 ~ 480 fps at CIF		
Playback Channel	1/2/4/All		
Hard Disk	8 SATA / 1 external SATA Ports		
Video Output	1(HDMI)+ 1(VGA) + 1(Spot)		
Display Resolution	1920 * 1080		
Alarm I/O	16 / 6	8 / 6	4 / 6
Ethernet	10/100/1000M		
USB	USB2.0 x 4, for mouse control and backup		
R-S232	Support		
RS-485	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 100~240V		



SPEED DOME IP CAMERA

RS-SD1318H

1.3Mp HD Network PTZ Dome Camera

Features:

- 1.3 Megapixel PS CCD
- Up to 15 fps at 1.3M(1280×960) & 25~30fps at 720P
- H.264 & MPEG-4
- 18x optical zoom, D&N(ICR)
- Max 400 °/s pan speed/IP66



Model	RS-SD1318H
Image Sensor	1/3" 1.3 megapixel progressive scan CCD
Lens	18x optical zoom-4.5~81mm
Min Illumination	Color 0.1 Lux ,B/W 0.01 Lux
Day/Night	Auto
Compression	H.264,MPEG4
Max Resolution	1280*960
Max Frame Rate	25~30 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°~360°/-2°~90°
Local Recording	SD-SDHC
Ingress Protection	IP66
Vandal Proof	-
IR Distance	-
Humidity	90%
Weight	7 kg
Power	AC 24V-3A(+/-10%)

RS-SD2020H

2Mp Full HD Network PTZ Dome Camera

Features:

- 2 Megapixel PS Exmor CMOS
- Up to 25~30 fps at1080P
- H.264 & MPEG4 encoding
- 20x optical zoom, D&N(ICR)
- Max 400°/s pan speed/IP67



Model	RS-SD2020H
Image Sensor	1/3" progressive scan Exmor CMOS
Lens	20x optical zoom- 4.7~94mm
Min Illumination	0.5 Lux,0.095Lux
Day/Night	Auto (ICR)
Compression	H.264,MPEG4
Max Resolution	1920*1080
Max Frame Rate	25~30fps at1080P
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°~400°/-20~90°
Local Recording	SD-SDHC
Ingress Protection	IP67
Vandal Proof	-
IR Distance	-
Humidity	90%
Weight	7 kg
Power	AC24V-3A(+/-10%)

RS-SD3022H

3Mp Full HD Network PTZ Dome Camera

Features:

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



Model	RS-SD3022H
Image Sensor	1/2.8" progressive scan Exmor CMOS
Lens	20x optical zoom- 4.7mm~94.0mm
Min Illumination	Color 1.8Lux, B/W0.02Lux
Day/Night	Yes
Compression	H.264, MPEG4
Max Resolution	2048*1536
Max Frame Rate	1~30fps
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°~360°/-2°~90°
Local Recording	Micro SD-SDHC
Ingress Protection	IP67
Vandal Proof	-
IR Illuminators	-
Humidity	90%
Weight	7 kg
Power	AC 24V-1.5A(±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	1/3" 2 Megapixel progressive scan Exmor CMOS
Lens	20x optical zoom -4.7~94mm
Min Illumination	Color 0.5lux,0.09Lux
Day/Night	Auto (ICR)-color-B/W
Compression	H.264,MPEG4
Max Resolution	1920*1080
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°~360°/-2°~90°
Local Recording	Micro SD/SDHC
Ingress Protection	IP66
Vandal Proof	-
IR Distance	Auto ,100 meters
Humidity	90%
Weight	7 kg
Power	AC 24V/3A (±10%)

RS-SD11318H

1.3Mp HD Network IR PTZ Dome Camera

Features:

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



Model	RS-SD11318H
Image Sensor	1/3" 1.3 Megapixel progressive scan CCD
Lens	18x optical zoom 4.5~81mm
Min Illumination	Color 0.5 lux,B/W0.02 Lux
Day/Night	Auto (ICR)
Compression	H.264-MPEG4
Max Resolution	1280*960
Max Frame Rate	25~30fps
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°~360°/-20~90°
Local Recording	Micro SD-SDHC
Ingress Protection	IP67
Vandal Proof	-
IR Distance	100 meters
Humidity	90%
Weight	7 kg
Power	AC 24V/3A (±10%)



IP CAMERA

RS-IP3xxHF

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

Features:

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



Model	RS-IP3500HF	RS-IP3300HF	RS-IP3200HF	RS-IP3100HF
Image Sensor	5 Megapixel Aptina CMOS	3 Megapixel Sone Progressive Scan Exmor CMOS	2.0 Megapixel Sone Progressive Scan Exmor CMOS	1.3 Megapixel Aptina CMOS image sensor
Lens	CS			
Min Illumination	Color 0.6 LUX,B/W 0.08LUX	Color 0.2 LUX,B/W 0.01 LUX	Color 0.1 LUX,B/W 0.01LUX	Color 0.1LUX,B/W 0.005 LUX
Day/Night	ICR			
Compression	H.264,MJPEG			
Max Resolution	2560*1920	2048*1536	1920*1080	1280 * 960
Max Frame Rate	25~30fps			
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	ONVIF2.0			
Wi-Fi	optional			
Local Recording	SD-SDHC			
Ingress Protection	-			
Vandal Proof	-			
IR Distance	-			
Humidity	90%			
Weight	650 g			
Power	DC12V, AC24V, PoE			

RS-IP3300HD-I

3Mp CMOS Full HD Vandal-proof Network Dome Camera

Features:

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



Model	RS-IP3300HD	RS-IP3300HDI
Image Sensor	1/2.8" 3.0 Megapixel SONY progressive scan Exmor CMOS	
Lens	CS mount, Auto Iris, 4.5~10mm	
Min Illumination	Color 0.2LUX, B/W 0.01LUX, 0LUX(IR on)	
Day/Night	ICR	
Compression	H.264,MJPEG	
Max Resolution	2048 * 1536	1920 * 1080
Max Frame Rate	25~30 fps at 1080P resolution	
Audio I/O	1/1	
Alarm I/O	2/1	
Network Function	HTTP, TCP/IP, ICMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server	
ONVIF	ONVIF2.0	
Wi-Fi	-	
Local Recording	Micro SD	
Ingress Protection	IP65	
Vandal Proof	IK10	
IR Distance	-	10 ~ 20 meters
Humidity	90%	
Weight	350 g	
Power	DC12V-AC24V- PoE	

RS-IP3xxHI

3 Mp CMOS Full HD Waterproof IR Network Camera

Features:

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



Model	RS-IP3300HI	RS-IP3100HI
Image Sensor	3Mp Exmor CMOS	1.3 Mp SONY progressive scan CCD
Lens	CS mount-auto iris-8~16mm	
Min Illumination	Color 0.2lux,B/W 0Lux	
Day/Night	ICR	
Compression	H.264,JPEG	
Max Resolution	2048*1536	1280*960
Max Frame Rate	25~30 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	ONVIF2.0	
Wi-Fi	optional	
Local Recording	Micro SD	
Ingress Protection	IP66	
Vandal Proof	-	
IR Distance	20~30 meters	50 meters
Humidity	90%	
Weight	2.5 kg	
Power	DC12V-AC24V-PoE	

RS-IP3xxHFD

1.3 Mp CMOS Full HD Vandal-proof Network Mini Dome

Features:

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



Model	RS-IP3200HFD	RS-IP3100HFD
Image Sensor	2 Megapixel SONY progressive scan Exmor CMOS	1.3 Megapixel Aptina CMOS image sensor
Lens	3.6mm	
Min Illumination	Color 0.1lux, B/W 0.05 lux	Color 0.1lux,B/W 0.05lux
Day/Night	Electronic	
Compression	H.264,MJPEG	H.264,MJPEG,JPEG
Max Resolution	1920*1080	1280*960
Max Frame Rate	25~30 fps	1~15 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, Olarm server	
ONVIF	ONVIF2.0	
Wi-Fi	optional	
Local Recording	Micro SD	
Ingress Protection	IP66	
Vandal Proof	IK10	
IR Distance	-	
Humidity	90%	
Weight	400 g	
Power	DC12V- PoE	

RS-IP3xxHC

3Mp CMOS Full HD Water-proof IR Network Camera

Features:

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



Model	RS-IP3300HC	RS - IP3200HC
Image Sensor	3 Mp CMOS Full HD Camera	1/3" 2 Mp SONY progressive scan Exmor CMOS
Lens	3.3-12mm	
Min Illumination	Color 0.2LUX,B/W 0.01LUX, 0Lux(IR ON)	
Day/Night	ICR	
Compression	H264,MJPEG	
Max Resolution	2048*1536	1920*1080
Max Frame Rate	1~25 fps	25~30 fps
Audio I/O	1/1	
Alarm I/O	2/1	
Network Function	HTTP,TCP/IP,ARP,IGMP ,ICMP,RTSP,RTP,UDP,RTCP,SMTP,FTP,DHCP,DNS,DDNS,PPPOE ,UPNP,NTP,Bonjour,SNMP	
ONVIF	ONVIF2.0	
Wi-Fi	optional	
Local Recording	microSD	
Ingress Protection	IP66	
Vandal Proof	IK10	
IR Distance	10~20meters	
Humidity	90%	
Weight	1.25 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)



Model	RS-IP1300HI	RS-IP1200HI
Image Sensor	1/3" 1.3 Megapixel Aptina CMOS	1/3" 2 Megapixel Aptina CMOS
Lens	4mm (3.6mm, 8mm optional)	6mm (3.6mm, 8mm optional)
Min Illumination	Color 0.1Lux, B/W 0.05Lux , 0LUX(IR On)	
Day/Night	ICR	
Compression	H.264, MJPEG	
Max Resolution	1280*960	
Max Frame Rate	25~30 fps	
Audio I/O	-	
Alarm I/O	-	
Network Function	HTTP, TCP/IP, IPv4/IPv6, 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	0.35 kg	
Power	DC12V, AC24V, PoE	DC12V, PoE

RS-IP1200D

1.3 MP Aptina CMOS Image Sensor

Features:

- 1.3 Megapixel PS Exmor CMOS
- Up to 15 fps at 1.3 M, 25~30 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)



Model	RS-IP1200D
Image Sensor	1/3" 1.3 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	1280*960
Max Frame Rate	25~30 fps
Audio I/O	-
Alarm I/O	-
Network Function	HTTP, TCP/IP, IPv4/IPv6, 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

RS-IP66FB

1/3" CCD H.264 IP Camera

Features:

- 1/3" SONY Super HAD CCD
- Up to 25~30fps at D1/HD1/CIF/NGA
- H.264 & JPEG, Dual-codec
- auto iris-CS mount, SD-DHCH card
- Alarm I/O, RS-485 and RS-232, Wi-Fi, PoE



Model	RS-IP66FB
Image Sensor	1/3" Super HAD CCD
Lens	auto iris-CS mount
Min Illumination	0.1Lux
Day/Night	Yes
Compression	H.264, JPEG
Max Resolution	704*576
Max Frame Rate	25~30fps at D1
Audio I/O	1 / 1
Alarm I/O	2/1
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	650 g
Power	DC12V, PoE

RS-IP1100C-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-IP1100C-W
Image Sensor	1/3" 1.3 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	1280*960
Max Frame Rate	15 fps at 1.3 M, 25~30 fps at 720P
Audio I/O	-
Alarm I/O	-
Network Function	HTTP, TCP/IP, IPv4/IPv6, 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

RS-IP3200HDB-W

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

Features:

- 2 Megapixel PS Exmor CMOS
- Up to 25 fps , 3~9 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-IP3200HDB-W
Image Sensor	1/3" 2 Megapixel Aptina CMOS
Lens	3~9 mm
Min Illumination	Color 0.1Lux, B/W 0.05Lux , 0LUX(IR On)
Day/Night	ICR
Compression	H.264, MJPEG
Max Resolution	1280*960
Max Frame Rate	25~30 fps
Audio I/O	-
Alarm I/O	-
Network Function	HTTP, TCP/IP, IPv4/IPv6, 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

VMS Partners

SUPPORT LIST



PSS

Pro surveillance system



Features:

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

DSS

Digital surveillance system



DSS Manager

Playback

Live View

Features:

- Register up to 1000 channels connection and 36 live viewing at 1 screen, support max 144(12*12) 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

DMSS

Mobile Phone surveillance software



Features:

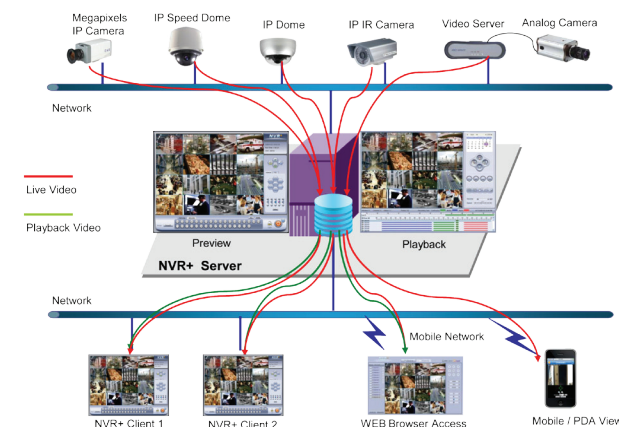
- Multiple smart phones can be used, like iPhone, iPad, Android, BlackBerry, Symbian, Windows Mobile
- Remote surveillance anytime and anywhere
- Privacy is highly protecting by authorization mechanism
- Up to 4 channels live display
- Remote control for PTZ camera
- Connection up to 4/8/16/32 channels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

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 1/4/9/13/16/25/36/(49/64/81/100/121/144)
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: 64
Supports Image	JPEG/BMP
System Requirement	
CPU	Intel Core 2Duo E6750, RAM: 2GB above
Video memory	512MB
HDD	80GB above
OS	Window XP / Vista, Direct X 9.0 above
Display	1024 * 768 above

Model	PSS
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	2 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 1/4/9/13/16/25/36
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: 64
Supports Image	JPEG/BMP

PDS

PC DVR software



Features:

- 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:

RS-6000NVR

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	RS-6000NVR
main processor	intel @core i7 th 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 D1/64ch at 720P/32ch at 1080P
preview & playback	6ch at 1080P/9ch at 720P/36ch 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	6HDMI, or 1ch VGA and 5ch HDMI sync video output
hard disk	16 SATAII
HDD mode	single, raid 0, raid 1, raid5
network	10/100/1000M-4 ports
alarm I/O	16/8
USB	4 USB ports
eSATA	1 eSAT
Power	100V-240V ac- 47-63Hz-<240 w (include HDD)



ANALOG CAMERA

RS-220SHxx

1/3" Sony Super HAD CCD

Features:

- 1/3" Sony super HAD CCD
- Up to 700 TVL-0 Lux IR On
- with 2D-3D DNR,MD,DWDR,DSS
- IR distance:120 meters, 8~20 mm Manual Zoom Lens
- DC12V-IP66



Model	RS - 220SH3	RS - 220SH2
Signal System	PAL/NTSC	
Image Sensor	1/3" Sony super HAD CCD	
Effective Pixel	PAL:976(H)*582(V) NTSC:976(H)*494(V)	PAL:795(H)*596(V) NTSC:811(H)*508(V)
Resolution	700TVL	650TVL
Low illumination	0 Lux (IR On)	
OSD	Yes	-
Function	SWDR,MD,FT,BLC,AGC,WBC,3D DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,2D DNR, HLC,DSS
Day/Night	-	
S/N ratio	≥115dB(AGC OFF)	
Electronic shutter	PAL:1/50-1/100, 000s	
Control	-	
Lens	8~20mm Manual Zoom Lens	
LED Wave length	-	
IR Distance	120 meters	
D&W Resistance	IP66	
Temperature	-10° ~ +50°	
Humidity	RH95% Max	
Weight	2.1 kg	
Power	DC12V 550mA	

RS-233SHxx

1/3" Sony Super HAD CCD

Features:

- 1/3" Sony super HAD CCD
- Up to 700 TVL- 0 Lux
- with , SWDR, 3D DNR, MD,mirror
- IR distance: 80 meters, 6mm Lens
- DC12V-IP66



Model	RS - 233SH3	RS - 233SH2
Signal System	PAL/NTSC	
Image Sensor	1/3" sony super HAD CCD	
Effective Pixel	PAL:976(H)*582(V) NTSC:976(H)*494(V)	PAL:795(H)*596(V) NTSC:811(H)*508(V)
Resolution	700TVL	650TVL
Low illumination	0 Lux (IR On)	
OSD	Yes	
Function	SWDR,MD,FT,BLC,AGC,WBC,MD,3D DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,MD,2D DNR, HLC,DSS
Day/Night	Auto-color-B/W-external control	
S/N ratio	≥50db (AGC OFF)	
Electronic shutter	PAL:1/50~100000s	
Control	-	
Lens	6 mm (8,12 optional)	
LED Wave length	-	
IR Distance	80 meters	
D&W Resistance	IP66	
Temperature	-10° C~ +50° C	
Humidity	10%~95%RH	
Weight	1.3kg/1.2kg	
Power	DC12V	

RS-215SHxx

1/3" Sony Super HAD CCD

Features:

- 1/3" Sony super HAD CCD
- Up to 700 TVL-0Lux IR On
- with, sense up, SWDR-3D DNR, DSS
- IR distance: 50~70 meters, 2.8~12 mm lens
- DC12V-IP66



Model	RS - 215SH3	RS - 215SH2
Signal System	PAL/NTSC	
Image Sensor	1/3" sony super HAD CCD	
Effective Pixel	PAL:976(H)*582(V) NTSC:976(H)*494(V)	PAL:795(H)*596(V) NTSC:811(H)*508(V)
Resolution	700 TVL	650 TV
Low illumination	0 Lux (IR On)	
OSD	Yes	
Function	SWDR,MD,3DDNR,FT,AGC,WBC ,HLC,DSS	DWDR,MD,2D DNR,AGC,HLC,DSS
Day/Night	Auto-color-B/W-external control	
S/N ratio	≥ 50db (AGC OFF)	
Electronic shutter	PAL:1/50~100000s	
Control	-	
Lens	2.8~12 mm lens(4~9,9~12mm optional)	
LED Wave length	-	
IR Distance	50~70 meters	
D&W Resistance	IP66	
Temperature	-10° C~ +60° C	
Humidity	RH 95% MAX	
Weight	1.6 kg	
Power	DC12V/AC24V(optional)	

RS-190SHxx

1/3" Sony Super HAD CCD

Features:

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



Model	RS - 190SH3	RS - 190SH2	RS - 190SH
Signal System	PAL/NTSC		
Image Sensor	1/3" sony super HAD CCD II		
Effective Pixel	PAL:1020 (H)*596(V) , NTSC:1020(H) *508(V)	PAL:795 (H)*596(V)- NTSC:811(H)*508(V)	PAL:752 (H)*582(V)- NTSC:768(H)*494(V)
Resolution	700TVL	650TVL	600TVL
Low illumination	0 Lux (IR On)		
OSD	Yes		
Function	SWDR,FT,BLC,AGC,WBC,MD,3D DNR, HLC,DSS	WDR,MD,BLC,AGC,WBC,2D DNR, HLC,DSS	
Day/Night	Yes		
S/N ratio	≥65db	≥50db	
Electronic shutter	PAL:1/50~100000s		
Control	-		
Lens	2.8~12 or 4~9 manual zoom		
LED Wave length	-		
IR Distance	60 meters with 5*72 PCS infrared LED		
D&Wa Resistance	IP66		
Temperature	-10° C~ +45° C		
Humidity	RH 95% MAX		
Weight	1700 g		
Power	DC12V-800mA		

RS-145SHxx

1/3" Sony Super HAD CCD

Features:

- 1/3"sony super HAD CCD
- up to 700TVL-01Lux IR On
- with DWDR, 3D DNR, MD, DSS
- IR distance: 30~40 meters, 2.8~12mm
- DC12V -IP66



Model	RS - 145SH3	RS - 145SH2	RS - 145SH
Signal System	PAL/NTSC		
Image Sensor	1/3"sony super HAD CCD		
Effective Pixel	PAL: 1020 (H)*596(V)-NTSC:1020 (H)*508(V)		PAL: 795(H)*596(V)-NTSC:811(H)*508(V)
Resolution	700TVL	650TVL	600TVL
Low illumination	0 Lux (IR On)		
OSD	Yes		
Function	SWDR,MD,FT,BLC,AGC,WBC,3D DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,2D DNR, HLC,DSS	
Day/Night	Yes		
S/N ratio	≥65db	≥54db	
Electronic shutter	1/50(1/60) ~1/100000s		
Control	-		
Lens	2.8~12mm or 4~9 mm		
LED Wave length	-		
IR Distance	30~40 meters with 5*36 PCS infrared LED		
D&W Resistance	IP66		
Temperature	-10° C ~+50° c		
Humidity	RH95% MAX		
Weight	800 g		
Power	DC12V 350 mA		

RS-140SHxx

1/3" Sharp CCD

Features:

- 1/3" sharp CCD
- Up to 700 TVL-0.001Lux
- with DWDR, 3D DNR, MD, mirror
- IR distance: 40 meters, CS lens 6mm
- DC12V-IP66



Model	RS-140SH3	RS - 140SH2	RS - 140SH
Signal System	PAL/NTSC		
Image Sensor	1/3" sharp CCD		
Effective Pixel	PAL:1020 (H)*596(V) , NTSC:1020(H)*508(V)	PAL: 976(H)*494(V),NTSC:976(H))*582(V)	PAL: 752(H)*582(V),NTSC:768(H)*494(V)
Resolution	700TVL	650TVL	600TVL
Low illumination	0.001Lux		0.01Lux
OSD	Yes		
Function	SWDR,MD,FT,BLC,AGC,WBC,3D DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,2D DNR, HLC,DSS	
Day/Night	-		
S/N ratio	≥65db		≥50db
Electronic shutter	1/50~1/100000s		
Control	-		
Lens	CS lens 4mm		
LED Wave length	-		
IR Distance	40 meters with 5*42PCS infrared LED		
D&W Resistance	IP66		
Temperature	-10° C ~+45°c		
Humidity	RH 95% MAX		
Weight	1.6 kg		
Power	DC 12V (+/-10%)-500 mA		

RS-213SHxx

1/3" Sony Super HAD CCD

Features:

- 1/3" Sony super HAD CCD
- Up to 700 TVL-0 Lux (IR On)
- with DWDR, MD, WBC, 3DDNR, mirror, DSS
- IR distance: 30~40 meters, 2.8~12 mm zoom lens
- DC12V-IP66



Model	RS - 213SH3	RS - 213SH2
Signal System	PAL/NTSC	
Image Sensor	1/3" sony super HAD CCD	
Effective Pixel	PAL: 752 (H)*582(V),NTSC:768(H)*494(V)	
Resolution	700TVL	650TVL
Low illumination	0Lux (IR On)	
OSD	Yes	
Function	SWDR,MD,FT,BLC,AGC,WBC,3D DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,2D DNR, HLC-DSS
Day/Night	Yes	
S/N ratio	≥50db	
Electronic shutter	1/50~1/100000s	
Control	-	
Lens	2.8~12 mm(4~9 mm,9~22mmoptional)	
LED Wave length	-	
IR Distance	30 meters with 5*36 PCS infrared LED	
D&W Resistance	IP66	
Temperature	-10° C ~+45°c	
Humidity	RH95%	
Weight	1.25 kg	
Power Supply	DC12V	

RS-211SHxx

1/3" Sony Super HAD CCD

Features:

- 1/3" sony super HAD CCD
- Up to 700 TVL-0 Lux IR On
- with MD,3D DNR,DSS
- IR distance: 35 mters, 6 mm lens
- DC12V-IP66



Model	RS - 211SH3	RS - 211SH2
Signal System	PAL/NTSC	
Image Sensor	1/3"sony super HAD CCD	
Effective Pixel	PAL: 1020 (H)*596(V), NTSC:1020(H)*508(V)	PAL: 795 (H)*596(V), NTSC:811(H)*508(V)
Resolution	700TVL	650TVL
Low illumination	0 Lux(IR On)	
OSD	Yes	
Function	SWDR,MD,3DDNR,FT,AGC,WBC,HLC,BLC,DSS	DWDR,MD,2DDNR,AGC,HLC,BLC,DSS
Day/Night	Yes	
S/N ratio	≥54db (AGC OFF)	
Electronic shutter	PAL:1/50~100000s	
Control	-	
Lens	6 mm (6,8 mm optional)	
LED Wave length	-	
IR Distance	35 meters	
D&W Resistance	IP66	
Temperature	-10° C~ +50° C	
Humidity	RH95% MAX	
Weight	1 kg	
Power	DC12V	

RS-130SHxx

1/3" Sony Super HAD CCD

Features:

- 1/3"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



Model	RS - 130SH3	RS - 130SH2	RS - 130SH
Signal System	PAL/NTSC		
Image Sensor	1/3"sony super HAD CCD II		
Effective Pixel	PAL: 1020 (H)*596(V), NTSC:1020(H)*508(V)	PAL: 795 (H)*596(V), NTSC:811(H)*508(V)	PAL: 752 (H)*582(V), NTSC:768(H)*494(V)
Resolution	700TVL	650TVL	540TVL
Low illumination	0 Lux (IR On)		
OSD	Yes		
Function	SWDR,MD,FT,BLC,AGC,WBC,3D DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,2D DNR, HLC,DSS	
Day/Night	Yes		
S/N ratio	≥65db	≥50db	
Electronic shutter	1/50~1/100000s		
Control	-		
Lens	Board lens 3.6mm(F/2.0)		
LED Wave length	-		
IR Distance	20 meters with 5*24 PCS infrared LED		
D&W Resistance	IP66		
Temperature	-10° C ~+45° c		
Humidity	RH95%		
Weight	450 g		
Power Supply	DC12V (+/-10%)-350 mA		

RS-150SHxx

1/3" Sony Super HAD CCD

Features:

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



Model	RS - 150SH3	RS - 150SH2	RS - 150SH
Signal System	PAL/NTSC		
Image Sensor	1/3" sony super HAD CCD		
Effective Pixel	PAL:976(H)*494(V) , NTSC:976(H)*582(V)	PAL:795 (H)*596(V) , NTSC:811(H)*508(V)	PAL:752 (H)*582(V) NTSC:768(H)*494(V)
Resolution	700TVL	650TVL	600TVL
Low illumination	0 Lux(IR On)		
OSD	Yes		
Function	SWDR,MD,FT,BLC,AGC,WBC,3D DNR, HLC,DSS	DWDR,MD,BLC,AGC,WBC,2D DNR, HLC,DSS	
Day/Night	Yes		
S/N ratio	≥65db (AGC OFF)	≥50db (AGC OFF)	
Electronic shutter	PAL:1/50~100000s		
Control	-		
Lens	4~9 or 2.8~12 manual zoom lense		
LED Wave length	-		
IR Distance	30 meters with 5*36PCS infrared LED		
D&W Resistance	IP66		
Temperature	-10° C~ +45° C		
Humidity	RH95% MAX		
Weight	2.1 kg		
Power	DC12V - 450 mA		

RS-550SH2

1/3" Sony Super HAD CCD

Features:

- 1/3" Sony super HAD CCD
- Up to 650 TVL-0.003Lux (F1.2)
- DWDR,DSS,3D DNR,MD,WBC
- DC Auto iris function
- DC12V



Model	RS-550SH2
Signal System	PAL
Image Sensor	1/3"sony super HAD CCD
Effective Pixel	PAL:795(H)*596(V) NTSC:811(H)*508(V)
Resolution	650TVL
Low illumination	0.003Lux
OSD	-
Function	OSD,DWDR,DSS,3D DNR,MD,BLC,AGC,HLC,WBC,MASK
Day/Night	-
S/N ratio	≥52db
Electronic shutter	1/50(1/60) ~1/100000s
Control	-
Lens	DC Auto iris function
LED Wave length	-
IR Distance	-
D&W Resistance	-
Temperature	-20° C ~+50° c
Humidity	RH95% MAX
Weight	0.55 kg
Power Supply	DC 12V

RASTER



Speed Dome Camera

RS-SDIR180C

1/4" High Speed Dome PTZ Camera

Features:

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



Model	RS-SDIR180C
Image sensor	1/4" Exview HAD CCD
Active pixels	795(H)*596(V)
Horizontal resolution	480TVL
Low illumination	0.01Lux
Focal length	3.6~82mm
function	ICR-DSS-DNR
Electronic shutter	1/1~1/10,000s
Pan speed	0°~80°/s
Tilt speed	0°~60°/s
Pan range	360° continuously
Tilt range	90°(180° auto overturn)
Hardware function	Scan-preset (128, 6 cruising tracks)-pattern
Communication	Multi-protocol- RS-485
Working T/H	-35°C~55°C
IR distance	100 meters
IP Grade	IP66
Humidity	90%
Power	AC24V

RS-STxxC

1/4" PTZ Dome Camera

Features:

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



Model	RS-ST370C	RS-ST270C
Image sensor	1/4" sony super HAD CCD	
Active pixels	795(H)*596(V)	
Horizontal resolution	550TVL	540TVL
Low illumination	0.05Lux	0.01Lux
Focal length	3.4~122mm,37x,12x digital	3.5~94.5mm,27x,16x digital
function	ICR,DSS,Day &Night,RS-485,WDR,Auto tracking	
Electronic shutter	1/50~1/10,000s	
Pan speed	0°~400°/s	
Tilt speed	0°~120°/s	
Pan range	360° continuously	
Tilt range	90°(180° auto overturn)	
Hardware function	Scan(8)-preset (220, 8 cruising tracks)-pattern(8)	
Communication	Multi-protocol- RS-485	
Temperature	-35°C~55°C/	
IP Grade	IP66	
Humidity	90%	
Weight	8 kg	
Power	AC24V	

RS-MD220C

RS-MD100H

1/4" PTZ Dome Camera

Features:

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



RS-SDxxDH

1/4" Weatherproof PTZ Dome Camera

Features:

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



Model	RS-SD360DH	RS-SD230DH
Image sensor	1/4" progressive scan Exview HAD CCD	1/4" Sony super HAD CCD
Active pixels	795(H)*596(V)	768(H)*582(V) 752(H)*582(V)
Horizontal resolution	600TVL	540TVL
Low illumination	0.001Lux	0.01Lux
Focal length	3.4~122 mm,36x,12x digital	3.9~89.7 mm,23x
function	ICR-Day & Night,2D &3D DNR,AWB,3D positioning,OSD, auto focus	
Electronic shutter	1/50~1/10,000s	
Pan speed	0°~400°/s	0°~300°/s
Tilt speed	0°~120°/s	
Pan range	360° continuously	
Tilt range	90°(180° auto overturn)	
Hardware function	Scan-preset (128, 6 cruising tracks)-pattern(Four pattern tours)	
Communication	Multi-protocol- RS-485	
Working T/H	-35°C~55°C	
IP Grade	IP67	IP66
Humidity	90%	
Weight	6 kg	
Power	AC24V	

RS-SDIRxxDH

1/4" Weatherproof IR PTZ Dome Camera

Features:

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



Model	RS-MD220C	RS-MD100H
Image sensor	1/4" Sony super HAD CCD	
Active pixels	795(H)*596(V)	
Horizontal resolution	480TVL	500TVL
Low illumination	0.08 Lux	0.01 Lux
Focal length	3.9~85 mm,22X	3.8~38 mm10X
function	Day & Night,BLC,AGC,AWB	Day & Night,RS-485,Pelco D/IP supported
Electronic shutter	1/50~1/10,000s	
Pan speed	0°~300°/s	
Tilt speed	0°~120°/s	
Pan range	360° continuously	
Tilt range	90°(180° auto overturn)	
Hardware function	Scan-preset (128, 6 cruising tracks)-pattern(6 pattern tours)	
Communication	Multi-protocol- RS-485	
Temperature	-35°C~55°C	
IP Grade	IP66	
Humidity	90%	
Weight	6.5 kg	
Power	AC24V	

Model	RS-SDIR360DH	RS-SDIR230DH
Image sensor	1/4" super HAD CCD II	
Active pixels	752(H)*582(V)	
Horizontal resolution	600TVL	
Low illumination	0.01Lux	
Focal length	3.94~122.4 mm,36x,16x digital	3.9~89.7mm,23x,16x digital
function	OSD,Day&Night,ICR,2D &3D DNR,AWB,3D positioning,auto focus	
Electronic shutter	1~100,000s	
Pan speed	0°~240°/s	
Tilt speed	0°~120°/s	
Pan range	360° continuously	
Tilt range	90°(180° auto overturn)	
Hardware function	Scan-preset (255, 6 cruising tracks)-pattern-tour	
Communication	Multi-protocol- RS-485	
Working T/H	-40°C~60°C/90%	
IP Grade/	IP66	
IR distance	80 meters	
Weight	6 kg	
Power	AC24V	



DVR

ST-50xxL

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
- 4/1 alarm I/O-RS-485/IR Remote



Model	ST-5016L	ST-5008L	ST-5004L
Image Resolution	CIF	1Channel CIF / D1 Adjutable, other channel CIF	
Max Frame Rate	400 ~ 480 fps	200 ~ 240 fps	100 ~ 120 fps
Video Input	16	8	4
Video Compression	H.264 / G.711A		
Dual Streams	Yes		
Max Resolution	1024*768		
Video Output	1BNC / 1VGA		
Loop/ Matrix Output	-		
Audio Input	2		
Audio Output	1BNC		
Bidirectional Talk	3.5 mm MIC interface		
Internal HDD	1SATA		
External HDD	-		
Alarm In	4		
Relay Out	1		
Ethernet(RJ-45)	10M / 100M		
USB	USB2.0 / Remote back up		
RS-232	-		
RS-485	Support		
Playback Channel	4ch CIF playback	4CIF or 1 ch D1+3ch CIF playback	
Case	1U		

ST-62xxH

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
- 16,8,4/2 alarm I/O-RS-485, RS-232/IR Remote



Model	ST-6216H	ST-6208H	ST-6204H
Image Resolution	D1		
Max Frame Rate	400 ~ 480 fps	200 ~ 240 fps	100 ~ 120 fps
Video Input	16	8	4
Video Compression	H.264/G.711		
Dual Streams	Yes		
Max Resolution	1024*768		
Video Output	1BNC / 1VGA		
Loop/ Matrix Output	-		
Audio Input	2		
Audio Output	1BNC		
Bidirectional Talk	3.5 mm MIC interface		
Internal HDD	4 SATA	2 SATA	1 SATA
External HDD	-		
Alarm In	16,8,4		
Relay Out	1		
Ethernet(RJ-45)	10M / 100M/1000M		
USB	USB2.0 / Remote back up		
RS-232	Support		
RS-485	Support		
Playback Channel	D1		
Case	1U		

ST-60xxH

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): 1920*1080
- 100 M/1000M-TCP/IP-PPPOE/DHCP/DDNS/Mobile
- 4/1 alarm I/O-RS-485/IR Remote



Model	ST-6016H	ST-6008H	ST-6004H
Image Resolution	CIF / D1 Adjustable		
Max Frame Rate	400~480 fps	200~240 fps	100~120 fps
Video Input	16	8	4
Video Compression	H.264/G.711		
Dual Streams	Support		
Max Resolution	VGA :1440*900 - HDMI:1920*1080	1024*768	
Video Output	1 BNC / 1VGA / 1HDMI	1 BNC / 1VGA	
Loop/ Matrix Output	-		
Audio Input	2		
Audio Output	1BNC		
Bidirectional Talk	3.5mm MIC interface		
Internal HDD	2SATA	1SATA	
External HDD	-		
Alarm I/O	4/1		
Relay Out	-		
Ethernet(RJ-45)	10M/100M/1000M	10M/100M	
USB	USB2.0/Remote Back up /USB DVD Back UP	USB2.0/Remote Back up	
RS-232	Support		
RS-485	Support		
Playback Channel	16	8	4
Case	1U		

ST-65xxH

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
- 16,8,4/2 alarm I/O-RS-485, RS-232/IR Remote



Model	ST-6516H	ST-6508H	ST-6504H
Image Resolution	D1		
Max Frame Rate	400 ~ 480 fps	200 ~ 240 fps	100 ~ 120 fps
Video Input	16	8	4
Video Compression	H.264/G.711A		
Dual Streams	Yes		
Max Resolution	1440*900		
Video Output	1BNC / 1VGA		
Loop/ Matrix Output	-		
Audio Input	2		
Audio Output	1BNC		
Bidirectional Talk	3.5 mm MIC interface		
Internal HDD	8 SATA		4 SATA
External HDD	1		
Alarm In	16,8,4		
Relay Out	1		
Ethernet(RJ-45)	10M / 100M		
USB	USB2.0 / Remote back up		
RS-232	Support		
RS-485	Support		
Playback Channel	D1		
Case	2U		

ST-D50xxL

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
- 4/1 alarm I/O-RS-485/IR Remote



Model	ST-D5032L	ST-D5024L
Image Resolution	CIF	
Max Frame Rate	25 ~ 30 fps per channel	
Video Input	32	24
Video Compression	H.264 / G.411A	
Dual Streams	Support	
Max Resolution	VGA : 1440 * 900	VGA : 1440 * 900 BNC 704 * 408
Video Output	1BNC / 1VGA	
Loop/ Matrix Output	-	
Audio Input	4	2
Audio Output	1BNC	
Bidirectional Talk	3.5 mm MIC interface	
Internal HDD	2 SATA	
External HDD	-	
Alarm I/O	4 / 1	
Relay Out	-	
Ethernet(RJ-45)	10 M / 100 M	
USB	USB 2.0 / Remote BackUP Built-in DVD-RW optional	USB 2.0 / Remote BackUP / USB DVD BackUP
RS-232	Support	
RS-485	Support	
Playback Channel	4 Channel CIF	
Case	1.5U	1.3U



ANALOG CAMERA

ST-IR60/O

Dot Matrix High Power IR Bullet Camera

Features:

- 1/3" 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,RS-485,HBLC, Mirror smart IR, MD
- DC12V , IP66



Model	ST-IR60/O
Signal System	PAL/NTSC
Image Sensor	1/3"sony super HAD CCD
Effective Pixel	PAL:752 (H)*582(V) - NTSC:768(H)*494(V)
H. Resolution	600TVL
Low illumination	0 Lux (IR ON)
Osd	Yes
Function	DWDR,3D DNR,RS-485,HBLC,Mirror,Smart IR,MD
Day/Night	Yes
S/N ratio	≥50db
Electronic shutter	1/50(1/60) ~1/100000s
Control	-
Lens	4 or 9 mm (2.8~12 mm, 9~12 mm optional)
LED Wave length	-
IR Distance	60 meters
D&W Resistance	IP66
Temperature	-10° C ~+50° c
Humidity	RH95%
Weight	0.85 kg
Power	DC12V (+/-10%)

ST-IR91/O

Waterproof IR Bullet Camera

Features:

- 1/3" SONY super HAD CCD
- Up to 650TVL/ 0 Lux IR ON
- R distance: 50~60 meters
- 2.8~12 mm varifocal lens
- OSD menu,DWDR,3D DNR,RS-485,HBLC, Mirror smart IR, MD
- DC12V, IP66



Model	ST-IR91/O
Signal System	PAL/NTSC
Image Sensor	1/3" sony Super HAD CCD
Effective Pixel	PAL:752 (H)*582(V) - NTSC:768(H)*494(V)
H. Resolution	650TV
Low illumination	0 Lux (IRON)
Osd	Yes
Function	DWDR,3D DNR,RS-485,HBLC,Mirror,Smart IR,MD
Day/Night	-
S/N ratio	≥52db
Electronic shutter	PAL:1/50~1/60000s
Control	-
Lens	2.8~12 mm (4 mm, 9~12 mm optional)
LED Wave length	850mm
IR Distance	50~60 meters
D&W Resistance	IP66
Temperature	-10° C~+50°
Humidity	RH95%
Weight	1.25 kg
Power	DC12V

ST-IR97/O

Waterproof IR Bullet Camera

Features:

- 1/3" SONY super HAD CCD
- Up to 650TVL/ 0 Lux IR ON
- IR distance: 50 meters
- 2.8~12 mm fixed lens
- OSD menu,DWDR,3D DNR,RS-485,HBLC, Mirror smart IR, MD
- DC 12V,IP66



Model	ST-IR97/O
Signal System	PAL/NTSC
Image Sensor	1/3"SONY Super HAD CCD
Effective Pixel	PAL: 752(H)*582(V)-NTSC:768(H)*494(V)
H. Resolution	650TVL
Low illumination	0 Lux (IR On)
Osd	Yes
Function	DWDR,3D DNR,RS-485,HBLC,Mirror,Smart IR,MD
Day/Night	-
S/N ratio	≥52db
Electronic shutter	1/50-1/100,000
Control	-
Lens	2.8~12 mm (4 mm, 9~12 mm optional)
LED Wave length	-
IR Distance	50 meters
D&W Resistance	IP66
Temperature	-10°~+50° C
Humidity	RH95% Max
Weight	1.25 kg
Power	DC12V

ST-ID68/O

Waterproof IR Dome Camera

Features:

- 1/3" SONY super HAD CCD
- Up to 600TVL/ 0 Lux IR ON
- IR distance: 35~40 meters
- 2.8~12 mm varifocal lens
- OSD menu,DWDR,3D DNR,RS-485,HBLC, Mirror smart IR, MD
- DC12V , IP66



Model	ST-ID68/O
Signal System	PAL/NTSC
Image Sensor	1/3"sony super HAD CCD
Effective Pixel	PAL:752 (H)*582(V) - NTSC:768(H)*494(V)
H. Resolution	650TVL
Low illumination	0 Lux (IR ON)
Osd	Yes
Function	DWDR,3D DNR,RS-485,HBLC,Mirror,Smart IR,MD
Day/Night	Yes
S/N ratio	≥50db
Electronic shutter	1/50(1/60) ~1/100000s
Control	-
Lens	2.8~12 mm (4 mm, 9~12 mm optional)
LED Wave length	-
IR Distance	35~40 meters
D&W Resistance	IP66
Temperature	-10° C ~+50° c
Humidity	RH95%
Weight	0.25 kg
Power	DC12V (+/-10%)

ST-ID48/O

Waterproof IR Dome Camera

Features:

- 1/3" SONY super HAD CCD
- Up to 600TVL/ 0 Lux IR ON
- IR distance: 35 meters
- 6 mm fixed lens
- OSD menu,DWDR,3D DNR,RS-485,HBLC, Mirror smart IR, MD
- DC12V , IP66



Model	ST-ID48/O
Signal System	PAL/NTSC
Image Sensor	1/3"sony super HAD CCD
Effective Pixel	PAL:752 (H)*582(V) - NTSC:768(H)*494(V)
H. Resolution	600TVL
Low illumination	0 Lux (IR ON)
Osd	Yes
Function	DWDR,3D DNR,RS-485,HBLC,Mirror,Smart IR,MD
Day/Night	Yes
S/N ratio	≥50db
Electronic shutter	1/50(1/60) ~1/100000s
Control	-
Lens	6 mm (3.6,8 mm optional)
LED Wave length	-
IR Distance	35 meters
D&W Resistance	IP66
Temperature	-10° C ~+50° c
Humidity	RH95%
Weight	0.65 kg
Power	DC12V (+/-10%)

ST-IR77/O

Waterproof IR Bullet Camera

Features:

- 1/3" SONY super HAD CCD
- Up to 650TVL/ 0 Lux IR ON
- IR distance: 30 meters
- 2.8~12 mm varifocal lens
- OSD menu,DWDR,3D DNR,RS-485,HBLC, Mirror smart IR, MD
- DC 12V,IP66



Model	ST-IR77/O
Signal System	PAL/NTSC
Image Sensor	1/3" Sony super HAD CCD
Effective Pixel	PAL: 752(H)*582(V)
H. Resolution	650TVL
Low illumination	0 Lux (IR On)
Osd	Yes
Function	DWDR,3D DNR,RS-485,HBLC,Mirror,Smart IR,MD
Day/Night	Yes
S/N ratio	≥52db
Electronic shutter	1/50~1/600000s
Control	-
Lens	2.8~12 mm (4 mm, 9~12 mm optional)
LED Wave length	-
IR Distance	30 meters
D&W Resistance	IP66
Temperature	-10° C ~+50° c
Humidity	RH95%
Weight	1 kg
Power	DC 12V

ST-IR71/O

Waterproof IR Bullet Camera

Features:

- 1/3" SONY Super HAD CCD
- Up to 600TVL/ 0 Lux IR ON
- IR Ldistance: 25~30 meters
- 2.8~12 mm varifocal lens
- OSD menu,DWDR,3D DNR,RS-485,HBLC, Mirror smart IR, MD
- DC12V, IP66



Model	ST-IR71/O
Signal System	PAL/NTSC
Image Sensor	1/3" SONY Super HAD CCD
Effective Pixel	PAL: 500(H)*582(V)
H. Resolution	600TVL
Low illumination	0 Lux (IR On)
Osd	Yes
Function	DWDR,3D DNR,RS-485,HBLC,Mirror,Smart IR,MD
Day/Night	Yes
S/N ratio	≥52db
Electronic shutter	1/50~1/600000s
Control	-
Lens	2.8~12 mm (4 mm, 9~12 mm optional)
LED Wave length	-
IR Distance	25~30 meters
D&W Resistance	IP66
Temperature	-10° C ~+50° c
Humidity	RH95%
Weight	1 kg
Power	DC 12V

ST-IR51/O

Waterproof IR Bullet Camera

Features:

- 1/3" SONY super HAD CCD
- Up to 650TVL/ 0 Lux IR On
- IR distance: 15~20 meters
- 3.6 mm fixed lens
- OSD menu,DWDR,3D DNR,RS-485,HBLC, Mirror smart IR, MD
- DC12V,IP66



Model	ST-IR51/O
Signal System	PAL/NTSC
Image Sensor	1/3" sony super HAD CCD
Effective Pixel	PAL:500 (H)*582(V) , NTSC:510(H)*494(V)
H. Resolution	650 TVL
Low illumination	0 Lux (IR On)
Osd	Yes
Function	DWDR,3D DNR,RS-485,HBLC,Mirror,Smart IR,MD
Day/Night	-
S/N ratio	≥50db
Electronic shutter	PAL:1/50~100000s
Control	-
Lens	3.6 mm fixed lens(2.8,6 mm optional)
LED Wave length	-
IR Distance	15~20 meters
D&W Resistance	IP66
Temperature	-10°C~+50°C
Humidity	RH 95%
Weight	1 kg
Power	DC12V

ST-ID58/O

Waterproof IR Dome Camera

Features:

- 1/3" SONY super HAD CCD
- Up to 650TVL/ 0 Lux IR ON
- IR distance: 15~20 meters
- 3.6 mm fixed lens
- OSD menu,DWDR,3D DNR,RS-485,HBLC, Mirror smart IR, MD
- DC 12V,IP66



Model	ST-ID58/O
Signal System	PAL - NTSC
Image Sensor	1/3"SONY Super HAD CCD
Effective Pixel	PAL: 752(H)*582(V)-NTSC:768(H)*494(V)
H. Resolution	650TVL
Low illumination	0 Lux(IR ON)
Osd	Yes
Function	DWDR,3D DNR,RS-485,HBLC,Mirror,Smart IR,MD
Day/Night	-
S/N ratio	≥52db
Electronic shutter	1/50 -1/100,000
Control	-
Lens	3.6 mm lens (2.8,6 mm optional)
LED Wave length	-
IR Distance	15~20 meters
D&W Resistance	IP66
Temperature	-10°C~+50°C
Humidity	RH95%
Weight	0.25 kg
Power	DC12V

ST-ID44/O

Waterproof IR Dome Camera

Features:

- 1/3" SONY super HAD CCD
- Up to 600TVL/ 0 Lux IR ON
- IR distance: 15~20 meters
- 3.6 mm fixed lens
- OSD menu,DWDR,3D DNR,RS-485,HBLC, Mirror smart IR, MD
- DC 12V,IP66



Model	ST-ID44/O
Signal System	PAL/NTSC
Image Sensor	1/3" sony super HAD CCD
Effective Pixel	PAL: 752(H)*582(V)-NTSC:768(H)*494(V)
H. Resolution	650TVL
Low illumination	0 Lux (IR ON)
Osd	Yes
Function	DWDR,3D DNR,RS-485,HBLC,Mirror,Smart IR,MD
Day/Night	Yes
S/N ratio	≥52db
Electronic shutter	1/50~1/100000s
Control	-
Lens	3.6 mm lens (2.8,6 mm optional)
LED Wave length	-
IR Distance	-
D&W Resistance	IP66
Temperature	-10° C ~+500 C
Humidity	RH95%
Weight	0.35 kg
Power	DC 12V

ST-IF12/O

Waterproof Fixed Camera

Features:

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



Model	ST-IF12/O
Signal System	PAL/NTSC
Image Sensor	1/3"sony super HAD CCD
Effective Pixel	PAL:752 (H)*582(V) -NTSC:768(H)*494(V)
H. Resolution	600TVL
Low illumination	0.1 Lux
Osd	Yes
Function	AES,AGC,BLC
Day/Night	Yes
S/N ratio	≥50db
Electronic shutter	1/50(1/60) ~1/100000s
Control	-
Lens	CS mount optional lens
LED Wave length	-
IR Distance	-
D&W Resistance	-
Temperature	-10° C ~+50° c
Humidity	RH 95%
Weight	12.5 kg
Power	DC12V (+/-10%)



PTZ CAMERA

MG-TA-32xx

Thermal Imaging High Speed PTZ Camera

Features:

- VOx infrared focal plane array(FPA) with 320x240 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-Std-810 and IP66
- 360° pan and 180° tilt range



Model	MG-TA-3250	MG-TA-3235	MG-TA-3225
Image sensor	Uncooled LWIR Thermal Imager,VOx Microbolometer/320x240		
Active pixels	752(H) * 582(V)		
Horizontal resolution	550TVL		
Field of View	14°×11°,50mm lens	20°×15°,35mm lens	27.8°×20.9°,25mm lens
Analog Video	8.3 Hz (PAL)		
Electronic Zoom/Focal length	2x/3.5~98.0 mm		
Electronic shutter	1/1~1/10000s		
Pan speed	0~60°/s		
Tilt speed	0~40°/s		
Pan range	360°		
Tilt range	-87°~88°		
Hardware function	scan-preset (128,6 cruising tracks)		
Communication	Multi-protocol, Baud rate from 2400Bps to 19200Bps for optional, RS-485 control		
Temperature	-35°~55°		
IP Grade	IP66		
Humidity	10~90%		
Weight	10 kg		
Power	AC24V±10% lin≥2.5A		

MG-TC26xxB

IP HD High Speed PTZ Camera

Features:

- 1/4" Sony CCD
- 0LUX-540TVL
- Focal length: 3.49~129mm 37x
- Pan/Tilt speed: 0°~100°,0°~60°
- 24VAC,IP66



Model	MG-TC2637B	MG-TC2627B	MG-TC2623B
Image sensor	1/4" Sony CCD		
Active pixels	811(H) * 508(V)	795(H) * 596(V)	758(H) * 592(V)
Horizontal resolution	more than 540TVL		480TVL
Low illumination	0 Lux (LED Open)		0.02Lux
Focal length	3.49~129mm 37x	3.5~94.5mm 27x	3.6~82.8mm 23x
function	RS-485		
Electronic shutter	1/50~1/10,000s	1/3~1/10,000s	
Pan speed	100°/s		
Tilt speed	60°/s		
Pan range	0°~80°/s		
Tilt range	0°~40°/s		
Hardware function	scan-preset(128,6 tracks)		
Communication	Multi-protocol, Baud rate from 2400Bps to 19200Bps for optional, RS-485 control		
Temperature	-35°C~55°C		
IP Grade	IP66		
Humidity	95%		
Weight	5 kg		
Power	DC10.5V~DC18V(50VA)		

MG-TK35xxB

High Speed PTZ Camera

Features:

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



Model	MG-TK3537B	MG-TK3527B	MG-TK3526B
Image sensor	1/4 Sony Super HAD CCD		
Active pixels	811 (H) *508(V)	795(H) *596(V)	752(H) *582(V)
Horizontal resolution	more than 540 TVL	560TVL	480 TVL
Low illumination	0.01Lux		0.7Lux
Focal length	3.4~129mm	3.4~122.4mm	3.5~91mm
function	ICR-DSS-DNR		
Electronic shutter	1/50~1/10,000s		1/1~1/10,000s
Pan speed	0°~40°/s		
Tilt speed	0°~20°/s		
Pan range	360° continuously		
Tilt range	+27°~73°		
Hardware function	Scan-preset (128)-pattern- 6 cruising tracks		
Communication	Multi-protocol- RS-485		
Temperature	-35°~+55°		
IP grade	IP66		
Humidity	90%		
Weight	10.5 kg		
Power	AC24V - AC220V (for optional)		

MG-OF2375BF MG-OF2275BF MG-OF2235BF

Outdoor High Speed Dome Camera

Features:

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



Model	MG-OF2375BF	MG-OF2275BF	MG-OF2235BF
Image sensor	1/4" CCD		
Active pixels	795(H)*596(V)	768(H)*582(V)	752(H)*582(V)
Horizontal resolution	more than 540TVL		680TVL
Low illumination	0.01Lux		0.02Lux
Focal length	3.6~98mm	3.5~91mm	3.6~82.8mm
function	ICR-DSS-DNR		
Electronic shutter	1/50~1/10,000s	1/3~1/10,000s	
Pan speed	0°~300°/s		
Tilt speed	0°~120°/s		
Pan range	360° continuously		
Tilt range	90°(180° auto overturn)		
Hardware function	Scan-preset (128, 6 cruising tracks)-pattern(Four pattern tours)		
Communication	Multi-protocol- RS-485		
Temperature	-35°C~55°C		
IP Grade	IP66		
Humidity	90%		
Weight	4 kg		
Power	AC24V		

MG-OF2365,2285,2185BF-IA-TW

Outdoor Super Fog-penetrating High Speed Dome Camera

Features:

- 1/4" Exview HAD CCD
- 0.01 Lux- 550 TVL
- Focal length: 3.4~122.4 mm
- Pan/Tilt speed: 0°~360°/ 0°~180°
- AC24V,IP66



Model	MG-OF2365BF-IA-TW	MG-OF2285BF-IA-TW	MG-OF2185BF-IA-TW
Image sensor	1/4" Exview HAD CCD		
Active pixels	752(H)*582(V)		
Horizontal resolution	550TVL		
Low illumination	1.4 Lux	0.25 Lux	0.7 Lux
Focal length	3.4~122.4 mm,12x digital	3.5~98 mm,12x digital	4.1~73.8 mm,12x digital
function	ICR-DSS-DNR		
Electronic shutter	1/50~1/10,000s	1/3~1/10,000s	
Pan speed	0°~360°/s		
Tilt speed	0°~180°/s		
Pan range	360° continuously		
Tilt range	90°		
Hardware function	Scan-preset (128, 4 cruising tracks)-pattern(Four pattern tours)		
Communication	Multi-protocol- RS-485		
Temperature	-35°C~55°C		
IP Grade	IP66		
Humidity	90%		
Weight	5 kg		
Power	AC24V		



IP COMPRO

IPxx

MP/HD H.264 Network Camera

Features:

- 1/3" Megapixel CMOS sensor
- H.264, MPEG4 and MJPEG
- 10x digital zoom
- up to 1280 * 1024
- Up to 30 fps at 1280*1024
- Two way audio with built-in MIC and speaker



Model	IP70	IP60	IP55
Image Sensor	1/3" progressive scan CMOS	1/4" 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, MPEG4, H.264, dual streams supported		MJPEG, MPEG4
Max Resolution	1280 * 1024		
Max Frame Rate	15 fps		15 fps at 1280*1024
Audio I/O	1/1		Two way audio with built in MIC and speaker
Alarm I/O	1 x relay out		3 x relay out (external & optional)
Network Function	3GPP, ARP, DDNS, DHCP, DNS, FTP, HTTP, ICMP/IPv4, IGP, NTP, PPPoE, RSP, RTSP, SMTP, TCP/IP, UDP, UPnP	3GPP, ARP, DDNS, DHCP, DNS, FTP, HTTP, ICMP/IPv4, IGP, NTP, PPPoE, RSP, RTSP, SMTP, TCP/IP, UDP, UPnP,802.1x	
ONVIF	RTSP support		
Wi-Fi	-		optional
Local Recording	Micro SD		Micro SD /SDHC memory card slot
Pan/tilt	-		170 ~ +170°, max 90 %s / -10 ~ +90, max 35 %s
Vandal Proof	-		-
IR Illuminators	10~15m	7~10m	-
Temperature	5°~40°C		
Dimension	84*124.5*91.5 mm		
Power	DC 5V		DC 12V/2A , PoE

IP5xx

PTZ MP/HD H.264 Network Camera

Features:

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



Model	IP570	IP540	IP530
Image Sensor	1/4" progressive scan CMOS	1.3" megapixel CMOS	1.3" CMOS vivid sensor
Lens	3.8 ~ 45.6 mm, auto iris	4.0 mm, fixed iris,	f 4.0 mm, fixed iris
Min Illumination	0 Lux IR on		
Day/Night	Yes		
Compression	MJPEG, MPEG4, H.264		MJPEG, MPEG4
Max Resolution	1280 * 1024		640*480
Max Frame Rate	15fps		30fps
Audio I/O	1/1		Two way audio with built in MIC
Alarm I/O	3 x relay out (external & optional)		
Network Function	3GPP, ARP, DDNS, DHCP, DNS, FTP, HTTP, ICMP/IPv4, 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	-170° ~ +170°, max 45°/s / -10° ~ +90°, max 35°/sec	-170° ~ +170°, max 45°/s / -170° ~ +170°, max 45°/s	-170° ~ +170°/-10~90°
Vandal Proof	-		
IR Illuminators	15 meters		
Temperature	5°~40°C		
Dimension	105*125.5*128.6 mm		
Power	DC 12V or PoE		DC 12V

NC450

1.3 MP AOI Bullet Camera

Features:

- 1/3" progressive scan CMOS
- MJPEG- MPEG4- H.264
- 10x digital zoom
- up to 1280 * 1024 resolution
- up to 15 fps
- Two way audio with built-in MIC



Model	NC450
Image Sensor	1/3" progressive scan CMOS
Lens	HD vari-focal, 3~9 mm, auto iris
Min Illumination	0 Lux IR on
Day/Night	Yes
Compression	MJPEG, MPEG4, H.264
Max Resolution	1280*1024
Max Frame Rate	15fps
Audio I/O	Two way audio with built in MIC
Alarm I/O	1 x relay out (external & optional)
Network Function	3GPP, ARP, DDNS, DHCP, DNS, FTP, HTTP, ICMP/IPv4, IGP, NTP, PPPoE, QoS, RSP, RTSP, SMTP, SSL, TCP/IP, UDP, UPnP
ONVIF	RTSP support
Wi-Fi	Yes
Local Recording	Micro SD
Pan/tilt	-
Vandal Proof	-
IR Illuminators	-
Humidity	20~80%
Weight	800 g
Power	DC 12V, AC 24V or PoE

NC150R

1.3 MP H.264 Box Camera

Features:

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



Model	NC150R
Image Sensor	1/3" 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, MPEG4, 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	3GPP, ARP, DDNS, DHCP, DNS, FTP, HTTP, ICMP/IPv4, IGP, 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	5°~40°C
Weight	350 g
Power	DC 12V

NVR2208/12

Network Video Recorder

Features:

- Embedded Linux operating system for superior reliability
- Record video from up to 8 megapixel IP cameras
- simultaneously on RS-2208, or 12 megapixel IP
- Support dual SATA 3.0TB 3.5"HDD, Support RAID-0 and RAID-1
- Remote recording, playback and search of video recordings
- One-touch backup to USB storage device
- Full PTZ control



Model	NVR2208/12
PTZ feature	Preset position, patrol group, speed control, focus control
Authentication	ID-password
Group management	Multi-level and multi-feature individually configurable
Viewing requirements	OS: windows XP/Vista/7-browser: internet explorer 8.0 or later
power supply	AC100~240V 50/60Hz in, DC12V output
operating system	Embedded linux, safe from crashes and virus attacks
LAN port	Gigabit RJ-45 Ethernet port *2
Camera	Compro IP cameras: IP55, IP60, IP540, IP570, IP570P, NC120, NC120R, NC150, NC150R, NC420, NC450, NC740 (video server)
Recording connection	H.264-MPEG-MJPEG4
Recording mode	Continuous, motion-triggered recording, tampering
compression format	H.264-MPEG-MJPEG4
two way audio	Yes
Local storage	3.5SATA I/II HDD*2
HDD capacity	Up to 3.0 TB per disk
Disk mode	Single, RAID0, RAID1, JBOD/liner
Remote storage mode	Share folders on windows OS, NAS, FTP server
Services	FTP-SMB/CIF
Weight	2.84 kg
Power	AC 100~240 V



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-MFD520	GV-MFD320	GV-MFD220
Image Sensor	5 Megapixel Progressive Scan CMOS	3 Megapixel progressive scan CMOS	2 Megapixel Progressive Scan CMOS
Lens	Fixed, 2.54 mm		
Min Illumination	0.5 Lux		0.2 Lux
Day/Night	Yes (electronic)		
Compression	H.264, MPEG4, MJPEG		
Max Resolution	2560 * 1920	2048 * 1536	1920*1080
Max Frame Rate	10 fps at 2560 * 1920	20~25fps	15fps
Audio I/O	Built-in microphone		
Alarm I/O	-		
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/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	212 g		
Humidity	10%~90%		
Power	PoE,DC 12V,24V AC		POE

GV-MDRxx

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

Features:

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



Model	GV-MDR520	GV-MDR320	GV-MDR220
Image Sensor	5,3,2 Megapixel progressive scan CMOS		
Lens	2.54 mm fixed		
Min Illumination	0.5 Lux		
Day/Night	Yes (electronic)		
Compression	H.264, MPEG4, MJPEG		
Max Resolution	1280 * 1024		
Max Frame Rate	10 fps at 2560 x 1920	20 fps at 2048 * 1536	30 fps at 1920 * 1080
Audio I/O	Built-in microphone		
Alarm I/O	-		1 Digital output
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)		
Onvif	RTSP support		
Wi-Fi	-		
Local Recording	Micro SD/SDHC memory card slot		-
Ingress Protection	-		
Pan/Tilt	-45°~45°/0°~90°		
IR Illuminators	-		
Weight	280 g		
Humidity	10%~90%		
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-FE520	GV-FE521	GV-FE420
Image Sensor	5 Megapixel progressive scan CMOS		4 Megapixel progressive scan CMOS
Lens	Fixed Iris,1.6 mm	Fixed Iris,1.6 mm	Fixed Iris, 1/05mm
Min Illumination	Color& B/W 2Lux		
Day/Night	Yes (electronic)		
Compression	H.264, MPEG4	H.264, MJPEG	
Max Resolution	2650*1920	2560 *1920	2048*1944
Max Frame Rate	10fps	10 fps at 2560 * 1920 15 fps at 2048 * 1944	15 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	650 g		
Humidity	10%~90%		
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-BX520D	GV-BX320D	GV-BX220D
Image Sensor	5 Megapixel progressive scan CMOS	3 Megapixel progressive scan CMOS	2 Megapixel progressive scan CMOS
Lens	CS Mount, 4.5 ~ 10 mm	CS Mount 3.1 ~ 8 mm	CS Mount , 2.8~8
Min Illumination	Color 0.5 Lux ,B/W 0.1 Lux	Color 1 Lux, 0.5 Lux ,B/W 0.2 Lux	
Day/Night	Yes (with removable IR-cut filter)		
Compression	H.264, MPEG4, MJPEG		
Max Resolution	2560 * 1920	2048 * 1536	1920*1080
Max Frame Rate	10 fps at 2560 x 1920	20 fps at 2048 * 1536, 30 fps at 1920 * 1080	30fps at 1920*1080
Audio I/O	1 / 1, Extension		
Alarm I/O	1 Digital Output		
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)		
Onvif	RTSP support		
Wi-Fi	-		
Local Recording	Micro SD/SDHC Card Slot(for class 6 or above)		
Ingress Protection	-		
Vandal Proof	-		
IR Illuminators	-		
Weight	321 g		
Humidity	10%~90%		
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-BX142DW	GV-BX130D	GV-BX120D
Image Sensor	1 Megapixel progressive scan CMOS	1.3 Megapixel progressive scan CMOS	
Lens	CS Mount, 2.8 ~ 12 mm		
Min Illumination	Color 0.2 Lux ,B/W 0.08 Lux	color 0.5 Lux ,B/W 0.1 Lux	Color 0.15 Lux, B/W 0.08 Lux, 0.04 Lux
Day/Night	Yes with removable IR-cut filter		
Compression	H.264, MPEG4, MJPEG		
Max Resolution	1280 * 720	1280*1024	
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, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)		
Onvif	RTSP support		
Wi-Fi	-		
Local Recording	Micro SD/SDHC card slot((for class 6 card or above)		
Ingress Protection	-		
Vandal Proof	-		
IR Illuminators	-		
Weight	321 g		
Humidity	10%~90%		
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-BL320D	GV-220D	GV-BL130D	GV-BL120D
Image Sensor	3 megapixel progressive scan CMOS	2 megapixel progressive scan CMOS	1.3 progressive scan CMOS	1.3 megapixel progressive scan CMOS
Lens	Varifocal, 2.8~8	Varifocal ,3.6 ~ 9 mm		
Min Illumination	Color 1 Lux,B/W 0 Lux		Color 0.5 Lux ,B/W 0 Lux	
Day/Night	Yes (with removable IR-cut filter)			
Compression	H.264, MPEG4, MJPEG			
Max Resolution	2048*1536	1920 * 1080	1280 * 1024	
Max Frame Rate	20fps at 2048 *1536	30 fps at 1280*1024		
Audio I/O	1/1			
Alarm I/O	1 Digital Output (200mA 5V DC)			
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)			
Onvif	RTSP support			
Wi-Fi	-			
Local Recording	Micro SD/SDHC memory card slot	-		
Pan/Tilt	0°~360°			
ingress protection	IP66			
IR Illuminators	-	15 m / 50 ft (Max.)		
Weight	1.35 kg			
Humidity	90°~180°			
Power	PoE, DC 12V , 24V 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 2048 * 1536
- IK10+ rating (for GV-VD320D and GV-VD321D only)
- IP66 rating
- 3-axis mechanism (pan / tilt / roll)



Model	GV-VD320D	GV-VD220D	GV-VD120D
Image Sensor	3 Megapixel progressive scan CMOS	2 Megapixel progressive scan CMOS	1.3 Megapixel progressive scan CMOS
Lens	Varifocal 2.7 ~ 9 mm		
Min Illumination	Color 1 Lux, B/W 0 Lux		
Day/Night	Yes (with removable IR-cut filter)		
Compression	H.264, MPEG4,MJPEG		
Max Resolution	2048*1536	1920*1080	1280 * 1024
Max Frame Rate	20 fps	30fps	
Audio I/O	1/1		
Alarm I/O	1 Digital Output (200mA 5V DC)		
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)		
Onvif	RTSP support		
Wi-Fi	-		
Pan/Tilt	0° ~ 350°/10° ~ 90°		
Ingress Protection	IP66		
Vandal Proof	IK10+		
IR Illuminators	15 m / 50 ft (Max.)		
Weight	1.7 kg		
Humidity	10%~90%		
Power	PoE, DC 12V,24V 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-SD200	GV-SD010-S36X	GV-SD010-S23X
Image Sensor	1/2.8" Sony Progressive Scan CMOS Sensor	1/4" Exview CCD	1/4" Progressive CCD
Lens	4.7~84.6 mm-18X,1~8x(digital)	3.4 ~ 122.4 mm,12x	3.6 ~ 82.8 mm,12x
Min Illumination	Color 0.05 lux , B/W 0.01 lux	color 0.1 lux, B/W 0.01 lux	
Day/Night	Yes (with IR cut filter)	Mechanical IR Cut Filter	
Compression	H.264, MPEG4, MJPEG		
Max Resolution	1920*1080	704 * 576	
Max Frame Rate	25~30 fps at 1920 * 1080	25~30 fps at D1	
Audio I/O	Two way audio on web interface		
Alarm I/O	4/2 digital	1 output	
Network Function	IPv4, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, UPnP, IGMP, SNMP, QoS, IEEE 802.1x, ONVIF	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, QoS (DSCP), SNMP	
Onvif	RTSP support		
function	DNR-WDR-motion detection		
Pan/Tilt	360° endless/ -10° ~ 190°		
hardware function	scan-preset(256)-8cruise,sequence(8),autopan	scan-preset(256)-4cruise Preset speed up to 400°/ secsequence(8),autopan(4)	
vandal proof	-		
IR Illuminators	-		
Weight	1.62 kg		
Humidity	20%~90%		
Power	PoE AC24V		24V 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 1280 *1024
- Pan and tilt (Pan: -175° ~ 175°;Tilt: -45° ~ 90°)
- Built-in / external microphone
- One sensor input and alarm output



Model	GV-PTZ110D	GV-PTZ010D
Image Sensor	1.3 Megapixel progressive scan CMOS	1/4" CCD image Sensor
Lens	4.0 mm	Mount, 2.8~8
Min Illumination	color1.5 Lux ,B/W 0 Lux	Color 2.5 Lux,B/W 0.07 Lux
Day/Night	Yes (with removable IR-cut filter)	Yes (electronic)
Compression	H.264, MPEG4, MJPEG	
Max Resolution	1280 x 1024	704*480
Max Frame Rate	30fps at 704*480	
Audio I/O	1/1	
Alarm I/O	1 Output (200mA 5V DC)	
Network Function	HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA	
Onvif	RTSP support	
Pan/Tilt	-175° ~ 175°/-45° ~ 90°	
local recording	Micro SD/SDHC card slot	
Ingress Protection	-	
Vandal Proof	-	
IR Illuminators	-	
Weight	490 g	
Humidity	10%~90%	
Power	PoE, DC 12V, 24V 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 2048 * 1536
- 3-axis mechanism (pan / tilt / roll)
- Supports iPhone, iPad, Android & 3GPP
- Intelligent IR



Model	GV-FD320D	GV-FD220D	GV-FD120D
Image Sensor	1/2.5" progressive scan CMOS	1.3 Megapixel progressive scan CMOS	1/3" progressive scan CMOS
Lens	Varifocal,2.7 ~ 9 mm	Varifocal, 2.8~8	Varifocal,2.7~9
Min Illumination	Color 1 Lux, 0.5 Lux,B/W 0 Lux		Color0.15 Lux ,B/W 0 Lux
Day/Night	Yes (with removable IR-cut filter)		
Compression	H.264, MPEG4, MJPEG		
Max Resolution	2048*1536	1920 * 1080	1280 x 1024
Max Frame Rate	20fps		30 fps
Audio I/O	1/1		
Alarm I/O	1/1	1 Output (200mA 5V DC)	1 Output
Network Function	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/IISMA, RTSP, PSIA, SNMP, QoS (DSCP)		
Onvif	RTSP support		
Pan/Tilt	0° ~ 350°/ 10° ~ 90°		
local recording	Micro SD/SDHC card slot(for class 6 card or above)		
Ingress Protection	-		
Vandal Proof	-		
IR Illuminators	15 m / 50 ft (Max.)	-	15 m / 50 ft (Max.)
Weight	580 kg		
Humidity	10%~90%		
Power	PoE, DC 12V,24V 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 1920 *1080
- Two way audio
- Support iPhone, iPad, Android & 3GPP,WiFi



Model	GV-CB220	GV-CB120	GV-CBW220	GV-CBW120
Image Sensor	1/2.5" progressive scan CMOS			
Lens	Fixed 3.35 mm			
Min Illumination	1 Lux			
Day/Night	Yes (electronic)			
Compression	H.264, MPEG4, MJPEG			
Max Resolution	1920*1080	1280*1024	1920*1080	1280*1024
Max Frame Rate	30 fps at 1920*1080	30 fps at 1280*1024	30 fps at 1920*1080	30 fps at 1280*1024
Audio I/O	two way audio			
Alarm I/O	Tampering alarm			
Network Function	HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/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	80 g		70g	
Humidity	10%~90%			
Power	DC jack			

32 ch DVR / HYBRID DVR / NVR

Supports Windows 7 and 64 bit Windows

DVR
Hybrid DVR
NVR

CMS

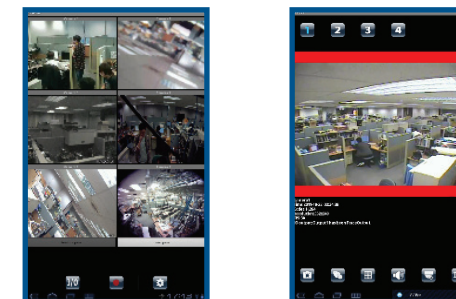
Video Analytics

**GV-Video Analytics**

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

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.

**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 300 IP camera models from more than 23 branded IP camera manufacturers:

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

Important features

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

**GV-CMS**

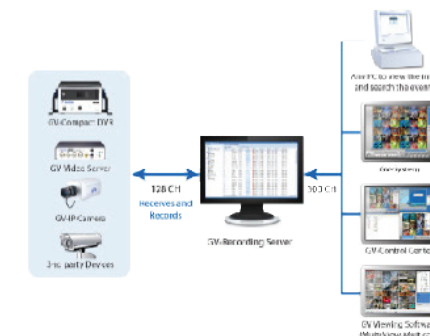
Include Four Softwares:

GV-Control Center: GV-IP Matrix features up to 4032 live video streams using 42 monitors.

GV-Center V2 Pro : receives up to 19 most frequent alerts of notifications video attachment and text - based messages.

GV-Vital Sign Monitor: is similar to center V2 but using text-based notification only.

GV-Dispatch Server: balances Center V2 Pro network load, distributes client DVR requests from 25,000 GV-System to 50 Center V2 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



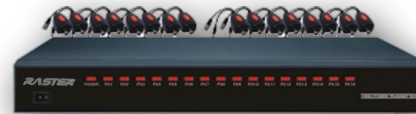


Accessory

RS-P216 RS-P208 RS-P204 RS-P201

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 RG59 & 1000m RG6 coaxial cable for clear video image without loss
- Enhance anti-interference capability



RS-KN21

RS-KN21 Keyboard

- Network Keyboard & Control Keyboard
- Support DVR, NVS, PTZ Dome Camera
- RS-232, RS-485 & Network Connections
- Joystick Control & PTZ Functions



HKB-8x02

HKB-8x02 Keyboard

- Screen display:16x2 -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-KN3000

Networked Keyboard

- HD Network Keyboard
- Support DVR, NVS, PTZ Dome Camera
- RS-232, RS-485 & Network Connections
- 4D-joystick control & PTZ Functions
- Support 1080P realtime preview



RS-LED180

Weatherproof of IR Illuminator

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



RS-LEDD40

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



RS-SDK24

Wireless Mini PTZ Controller

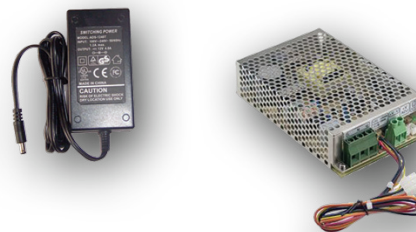
- IR remote controler: Support 99pcs cameras
- RS-485 communication
- Pelco D/P support
- Baud rate: 2400, 4800 and 9600Bps
- Wireless distance: Max.20m
- Weight: 350g



MG-PW18/MG-PW15/MG-LW09/MG-LW03/MG-LW01

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-D23312R	RS-20418R	RS-M204R	RS-0510018Z	RS-F0412R
Focal-Lenght	3.3-12 mm	4~18 mm	4 mm	5~100 mm	4 mm
Format	1.27"	1/1.8"	1/3"	1/3"	1/3"
Aperture	1/1.4	1/1.4	1/1.4	1/1.8	1/1.2
Mount	CS	C	CS	CS	CS
Horizontal	79.3°~29.8°	103°~20°	69.4°	51.28°~2.75°	70.40°
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-IR2812F	RS-D02812	RS-IR23814V	RS-IR22814V	RS-IR2412F	RS-IR2612F	RS-D23518 R
Focal-Lenght	8 mm	2.8~12 mm	3~8 mm	2.8~12 mm	4 mm	6 mm	3.5~18 mm
Format	1/3"	1/3"	1/2.7"	1/2.7"	1/3"	1/3"	1/2"
Aperture	1:1.2	1/1.4	1:1.4	1:1.4	1:1.2	1:1.2	1/1.4
Mount	CS	CS	CS	CS	CS	CS	C
Horizontal field	35.90°	87.66°~22.62°	92.50°~35.40°	93.00°~28.70°	70.40°	60.10°	104°~20°
Type	DC	DC	DC	DC	DC	DC	DC
MegaPixel	2	2	2	2	2	2	2

2,1.3 Megapixel Lenses

Raster Professional lens

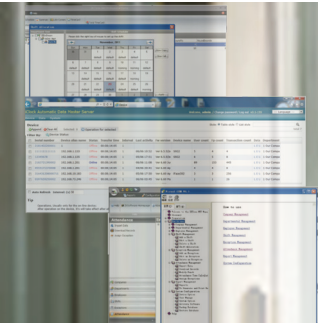


Model	RS-D20410R	RS-D10308R	RS-D10409R	RS-D10515R	RS-D12812R	RS-D358014	RS-D10308R
Focal-Lenght	4~10	3~8	4~9MM	5~15mm	2.8~12mm	3.5~8mm	3~8 mm
Format	1/2"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Aperture	1/1.6	1/1.0	1/1.4	1/1.4	1/1.4	1/1.4	1/1.0
Mount	C	CS	CS	CS	CS	CS	CS
Horizontal field	87.2°~44.4°	77°15'~33°25'	60°~30°	41°~19°	92°~27.2°	81.20°~41.10°	77°15'~33°25'
Type	DC	DC	DC	DC	DC	Direct Drive	DC
MegaPixel	2	1/3	1/3	1/3	1/3	-	1/3



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 users 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.

RS-100

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-TB100

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-FD780/700/680/600

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 780/680

RS-TB 402/302/202

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, RS-232/485, 3rd party electric lock
- SD card, Battery Backup, ID/Mifare, photo ID
- Optional Wi-Fi or GPRS

RS-TB 401/301/201

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, RS-232/485, 3rd party electric lock
- SD card, Battery Backup, ID/Mifare, photo ID
- Optional Wi-Fi or GPRS

RS-IC3800/2800

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-FC8/7/6

FINGERPRINT TIME & ATTENDANCE TERMINAL



- Color 3" TFT screen with GUI interface
- 3000 fingerprint & 100,000 record capacity
- Built-in USB port, TCP/IP, RS-485/232
- ID/Mifare, DST, SMS

RS-RT880/680/500

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, RS-485/232
- 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-AB460/260/160

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-AC400/200/100

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
- RS-485,TCP/IP

RS-AR602/600/502/500

RFID WEIGAND READERS



- 125 KHz proximity/13.56MHz Mifare card reader
- 26/34bit 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-AR1000/202/201/200/102/101

RFID WEIGAND READERS



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

RS-IF1700

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-IB700

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, RS-485-232, USB-host

RS-IF703/702S/8

FINGERPRINT READER DEVICE



- 1-touch ,1-second 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, RS-485/232, USB-host, Weigand output & input

RS-STR100

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, RS-485/232, USB-host, Weigand input and output, Webserver , 9 digit number
- Full door lock control system
- ID card standard, Mifare card optional

RS-ST503/403/103

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, RS-485/232, USB-host, Weigand input and output, SMS
- Full door lock control system
- ID card standard, Mifare card optional

RS-AR1200

OUTDOOR FINGERPRINT READER



- Fingerprint identification with 324 KHz proximity
- ID/Mifare card module
- RS-485, Buzzer
- Match with biometric multi-door controller & standalone access control terminals
- IP65

RS-IH5000/4000

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

RS-4500

USB FINGERPRINT SCANNER



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

RS-I7000

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-I5000/4000

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-L870

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 1.52

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 1.52
License	Yes
System architecture	Server/Browser
D8	MySQL, MS SQL
Max device	1024
Time zones	255
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-I9000

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



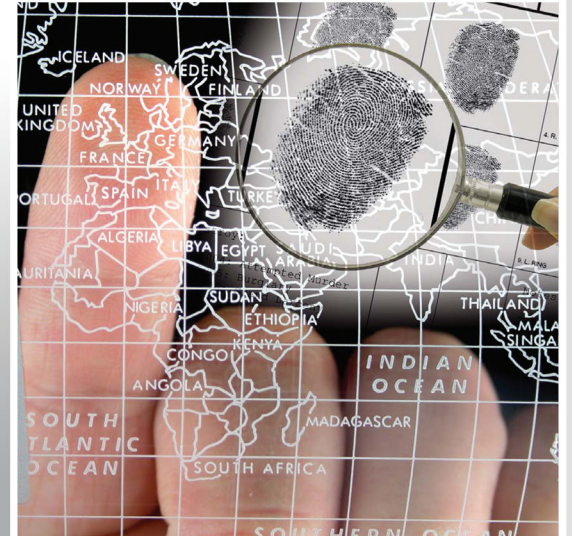
- No touch exit sensor
- IP55 ingress protection
- reading distance 5CM
- Application: gate, door, lock

Raster Professional Accessories

ACCESSORIES



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



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