

CCTV Products & IP Solution



RASTER ELECTRONIC UK LIMITED

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...New Technologies Based On
IP And Analog With Total Solution...

STANDALONE DVR

RS-1116HFS3

16 Channel Effio 960 H 2U standalone DVR



- Dual-core CPU preview, recording, playback & network
- 16 channel Effio cameras with 1080P realtime preview and 16 channel audio
- Full channel 960 H realtime recording
- H.264 dual-stream video compression
- HDMI, VGA, TV spot (BNC) synchronous video output
- 8 SATA HDDs up to 24TB- 4 eSATA up to 12TB- 3 USB2.0
- Built-in web server & CMS (DSS/PSS) & DMSS (Mobilephone)

RS - 1108HFS3

8 Channel Effio 960 H 2U standalone DVR



- Dual-core CPU preview, recording, playback & network
- 8 channel Effio cameras with 1080P realtime preview and 8 channel audio
- Full channel 960 H realtime recording
- H.264 dual-stream video compression
- HDMI, VGA, TV spot (BNC) synchronous video output
- 8 SATA HDDs up to 24TB- 4 eSATA up to 12TB- 3 USB2.0
- Built-in web server & CMS (DSS/PSS) & DMSS (Mobilephone)

RS - 1104HFS3

4 Channel Effio 960 H 2U standalone DVR



- Dual-core CPU preview, recording, playback & network
- 4 channel Effio cameras with 1080P realtime preview and 4 channel audio
- Full channel 960 H realtime recording
- H.264 dual-stream video compression
- HDMI, VGA, TV spot (BNC) synchronous video output
- 8 SATA HDDs up to 24TB- 4 eSATA up to 12TB, 3 USB2.0
- Built-in web server & CMS (DSS/PSS) & DMSS (Mobilephone)

RS - 932HFS3

32 Channel Full D1 high performance 2U Standalone DVR



- Dual-core CPU preview, recording, playback & network
- 32 cameras with 1080P realtime preview 16 channel audio
- Full channel D1 (4CIF) realtime recording
- H.264 dual-stream video compression
- HDMI, VGA, TV, Spot(BNC) synchronous video output
- 8 SATA HDDs up to 24TB, 4 eSATA up to 12TB, 4 USB2.0
- Built-in web server & CMS (DSS/PSS) & DMSS (Mobilephone)

RS - 916HFS3

16 Channel Full D1 high performance 2U Standalone DVR



- Dual-core CPU preview, recording, playback & network
- 16 cameras with 1080P realtime preview 16 channel audio
- Full channel D1 (4CIF) realtime recording
- H.264 dual-stream video compression
- HDMI, VGA, TV, Spot(BNC) synchronous video output
- 8 SATA HDDs up to 24TB, 4 eSATA up to 12TB, 4 USB2.0
- Built-in web server & CMS (DSS/PSS) & DMSS (Mobilephone)

RS - 908HFS3

8 Channel Full D1 high performance 2U Standalone DVR



- Dual-core CPU preview, recording, playback & network
- 8 cameras with 1080P realtime preview 8 channel audio
- Full channel D1 (4CIF) realtime recording
- H.264 dual-stream video compression
- HDMI, VGA, TV, Spot(BNC) synchronous video output
- 8 SATA HDDs up to 24TB, 4 eSATA up to 12TB, 4 USB2.0
- Built-in web server & CMS (DSS/PSS) & DMSS (Mobile phone)

RS - 932LFS3

32 Channel high performance standalone DVR



- 32 cameras with full HD 1080P display 16 channel audio
- Each channel at CIF and special channel at D1 recording
- TV, VGA, HDMI synchronous video output
- H.264 dual encoding streams supported
- 32 channel simultaneous playback
- 8 SATA HDDs & CD/DVD-RW, 1eSATA, 2 USB2.0
- Built-in web server & clients, MSS & CMS (Mobile phone)

RS - 916LFS3

16 Channel high performance standalone DVR



- 16 cameras with full HD 1080P display 16 channel audio
- Each channel at CIF and special channel at D1 recording
- TV, VGA, HDMI synchronous video output
- H.264 dual encoding streams supported
- 16 channel simultaneous playback
- 8 SATA HDDs & CD/DVD-RW, 1eSATA, 2 USB2.0
- Built-in web server & clients, MSS & CMS (Mobile phone)

RS - 908LFS3

8 Channel high performance standalone DVR



- 8 cameras with full HD 1080P display and 8 channel audio
- Each channel at CIF and special channel at D1 recording
- Support TV, VGA, HDMI synchronous video output
- H.264 dual encoding streams supported
- 8 channel simultaneous playback
- 8 SATA HDDs & CD/DVD-RW, 1eSATA, 2 USB2.0
- Built-in web server & clients, MSS & CMS (Mobile phone)

RS - 904LFS3

4 Channel high performance standalone DVR



- 4 cameras with full HD 1080P display and 4 channel audio
- Each channel at CIF and special channel at D1 recording
- Support TV, VGA, HDMI synchronous video output
- H.264 dual encoding streams supported
- 4 channel simultaneous playback
- 8 SATA HDDs & CD/DVD-RW, 1eSATA, 2 USB2.0
- Built-in web server & clients, MSS & CMS (Mobile phone)

RS - 816LFS3

16 Channel cost- effective full D1 1.5U standalone DVR



- 16 cameras with full HD 1080P display and 4 channel audio
- Full channel D1 (4CIF) realtime recording
- H.264 dual-stream video compression
- HDMI, VGA, TV, Spot(BNC) synchronous video output
- Live, recording, playback, backup & remote access
- 2 SATA HDDs & CD, /DVD, RW, 2 USB2.0
- Built-in web server, client & DMSS & CMS (Mobile phone)

RS - 808LFS3

8 Channel cost- effective full D1 1.5U standalone DVR



- 8 cameras with full HD 1080P display and 8 channel audio
- Full channel D1 (4CIF) realtime recording
- H.264 dual-stream video compression
- HDMI, VGA, TV, Spot(BNC) synchronous video output
- Live, recording, playback, backup & remote access
- 8 channels realtime playback & smart search
- 2 SATA HDDs & CD, /DVD, RW, 2 USB2.0
- Built-in web server, client & DMSS & CMS (Mobile phone)

STANDALONE DVR

RS - 804LFS3

4 Channel cost- effective full D1 1.5U standalone DVR



- 4 cameras with full HD 1080P and 4 channel audio
- Full channel D1 (4CIF) realtime recording
- H.264 dual-stream video compression
- HDMI, VGA, TV, Spot(BNC) synchronous video output
- Live, recording, playback, backup & remote access
- 4 channels realtime playback & smart search
- 2 SATA HDDs & CD, /DVD, RW, 2 USB2.0
- Built-in web server, client & DMSS & CMS (Mobile phone)

RS - 816CN

16 Channel entry level 1.5U standalone DVR



- 16 cameras with SXGA(1280x1024) display 4 channel audio
- Each channel 25/30fps at CIF or 6/7fps at D1 recording
- TV, VGA synchronous video output
- H.264 dual encoding streams supported
- 16 channels simultaneous playback
- Live, recording, playback, backup & remote access
- 2 SATA HDDs & CD, DVD, RW, 2 USB 2.0
- Built-in web server & Client, DMS & CMS (Mobile Phone)

RS - 816LNS3

16 Channel cost- effective 1.5U standalone DVR



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

RS - 808LNS3

8 Channel cost- effective 1.5U standalone DVR



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

RS - 804LNS3

4 Channel cost- effective 1.5U standalone DVR



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

RS - 404HFS1

4 Channel Full D1 1U Standalone DVR



- 4 Channel Video and 4 Channel Audio
- 4 cameras with 1080P realtime preview 4 channel audio
- Full channel D1 (4CIF) realtime recording
- H.264 dual-stream video compression
- HDMI, VGA, TV (BNC) synchronous video output
- 1 SATA HDD up to 3TB, 4 USB2.0
- Built-in web server & CMS (DSS/PSS) & DMSS (Mobile phone)

RS - 416LS3

16 Channel cost- effective 1U standalone DVR



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

RS - 408LS3

8 Channel cost- effective 1U standalone DVR



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

RS - 404LS3

4 Channel cost- effective 1U standalone DVR



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

RS - 416LSH

16 Channel cost- effective 1U standalone DVR



- 16 cameras with 1080P realtime preview 4 channel audio
- Full channel CIF or 1 channel at D1+ 15 channel at CIF realtime recording
- TV, VGA, HDMI synchronous video output
- H.264 dual encoding streams supported
- 1 SATA HDD, 2 USB2.0
- Built-in web server & CMS (DSS/PSS) & DMSS (Mobile phone)

RS - 408LSH

8 Channel cost- effective 1U standalone DVR



- 8 cameras with 1080P realtime preview 8 channel audio
- Full channel 2CIF or 2 channel at D1+6 channel at CIF realtime recording
- TV, VGA, HDMI synchronous video output
- H.264 dual encoding streams supported
- 1 SATA HDD, 2 USB2.0
- Built-in web server & CMS (DSS/PSS) & DMSS (Mobile phone)

RS - 404LSH

4 Channel cost- effective 1U standalone DVR



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

STANDALONE DVR

RS - 416CE

16 Channel entry-level mini 1U standalone DVR



- 16 channel cameras with (1280x 1024), 1 channel audio
- CIF realtime recording or D1 (4CIF) recording with 6/7 fps
- H.264 dual-stream video compression
- TV, VGA synchronous video output
- live, recording, playback, backup & remote access
- all channel simultaneous realtime playback
- 1 SATA HDD, 2 USB2.0
- Built-in web server, multi-DVR client, DMSS & CMS

RS - 408CE

8 Channel entry-level mini 1U standalone DVR



- 8 channel cameras with (1280x 1024), 1 channel audio
- CIF realtime recording or D1 (4CIF) recording with 6/7 fps
- H.264 dual-stream video compression
- TV, VGA synchronous video output
- live, recording, playback, backup & remote access
- all channel simultaneous realtime playback
- 1 SATA HDD, 2 USB2.0
- Built-in web server, multi-DVR client, DMSS & CMS

RS - 404CE

4 Channel entry-level mini 1U standalone DVR



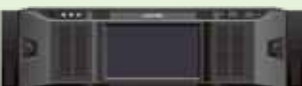
- 4 channel cameras with (1280x 1024), 1 channel audio
- CIF realtime recording or D1 (4CIF) recording with 6/7 fps
- H.264 dual-stream video compression
- TV, VGA synchronous video output
- live, recording, playback, backup & remote access
- all channel simultaneous realtime playback
- 1 SATA HDD, 2 USB2.0
- Built-in web server, multi-DVR client, DMSS & CMS

NVR

As to see IP protocol supported, please refer to last page

RS - 6000NVR

128 Channel super network video recorder



- 6 HDMI sync output, 1 VGA & 5 HDMI sync output
- UP to 32 channel HD realtime live view
- Support a wide range of the 3rd party IP camera
- Support 16 hot swappable SATA HDDs
- Support multiple RAID mode such as RAID0, RAID1, RAID5
- Based on multi-client system & supports 128 channel at D1, 68 channel at 720P, 32 channel at 1080P realtime recording

RS - 3216NVR

16 Channel 2U standalone Network Video Recorder



- Dual-core CPU powerful preview, recording, playback and network performance
- H.264/ MPEG-4 dual codec decoding
- 16 channel at D1, 8 channel at 720P, 4 channel at 1080P realtime recording
- 8 SATA HDDs, 24TB, 1 eSATA up to 12TB, 4 USB2.0
- Support multi-brand network cameras, ONVIF
- Built-in web server & mobile phone

RS - 3208 NVR

8 Channel 2U standalone Network Video Recorder



- Dual-core CPU powerful preview, recording, playback and network performance
- H.264/ MPEG-4 dual codec decoding
- 8 channel at D1, 4 channel at 720P, 2 channel at 1080P realtime recording
- 8 SATA HDDs up to 24TB, 1 eSATA up to 12TB, 4 USB2.0
- Support multi-brand network cameras, ONVIF
- Built-in web server & mobile phone

RS - 3204NVR

4 Channel 2U standalone Network Video Recorder



- Dual-core CPU powerful preview, recording, playback and network performance
- H.264/ MPEG-4 dual codec decoding
- 4 channel at D1, 2 channel at 720P, 1 channel at 1080P realtime recording
- 8 SATA HDDs, 24TB, 1 eSATA up to 12TB, 4 USB2.0
- Support multi-brand network cameras, ONVIF
- Built-in web server & mobile phone

RS - 3116NVR

16 Channel 1U standalone Network Video Recorder



- Dual-core CPU powerful preview, recording, playback and network performance
- H.264/ MPEG-4 dual codec decoding
- 16 channel at D1, 8 channel at 720P, 4 channel at 1080P realtime recording
- 2 SATA HDDs up to 6TB, 2 USB2.0
- Support multi-brand network cameras, ONVIF
- Built-in web server & mobile phone

RS - 3108NVR

8 Channel 1U standalone Network Video Recorder



- Dual-core CPU powerful preview, recording, playback and network performance
- H.264/ MPEG-4 dual codec decoding
- 8 channel at D1, 4 channel at 720P, 2 channel at 1080P realtime recording
- 2 SATA HDDs up to 6TB, 2 USB2.0
- Support multi-brand network cameras, ONVIF
- Built-in web server & mobile phone

NVR

RS-NV02

16 Channel 1U standalone Network Video Recorder



- Dual-core CPU powerful preview, recording, playback and network performance
- H.264/ MPEG-4 dual codec decoding
- All channel simultaneous real time playback, GRID interface & smart search
- 2 SATA HDDs up to 8TB, 2 USB2.0
- Support multi-brand network cameras, ONVIF
- Built-in web server & CMS (DSS / PSS) & DMSS

VIDEO DECODER

RS - NVD104HD

Full HD standalone network video decoder for TV wall



- Support 28CH D1, 14CH 720P, 7CH 1080P video Decoding
- Support multiple devices: Network camera, DVR, NVS
- H.264, MPEG-4 dual codec video decoding
- multiple resolution decoding: CIF, 2CIF, HD1, D1, 720P, 1080P
- 4HDMI, 4VGA, 4BNC video output
- Support various split-window modes
- Powerfull 1000 M Ethernet interface

RS - NVD101HD

Full HD standalone network video decoder for TV wall



- Support 16CH D1, 8CH 720P, 4CH 1080P video Decoding
- Support multiple devices: network camera, DVR, NVS
- H.264, MPEG-4 dual codec video decoding
- multiple resolution decoding: CIF, 2CIF, HD1, D1, 720P, 1080P
- 1HDMI, 1VGA, 1BNC video output
- Support various split-window modes
- Powerfull 1000 M Ethernet interface

HYBRID DVR

RS - 916HNS3

16 Channel IP and 16 channel analog 2U Hybrid DVR



- Dual-core CPU preview, recording, playback and network
- 1VGA,1TV,1HDMI video output
- 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
- Analog :16 channel at D1 realtime recording
- Support multi-brand network cameras
- Support 8 SATA, 1 eSATA, 4USB

RS - 908HNS3

16 Channel IP and 8 channel analog 2U Hybrid DVR



- Dual-core CPU preview, recording, playback, network
- 1VGA,1TV,1HDMI video output
- 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
- Analog:8 channel at D1 realtime recording
- Support multi-brand network cameras
- Support 8 SATA, 1 eSATA, 4USB

RS - 904HNS3

16 Channel IP and 4 channel analog 2U Hybrid DVR



- Dual-core CPU preview, recording, playback and network
- 1VGA,1TV,1HDMI video output
- 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
- Analog: 4 channel at D1 realtime recording
- Support multi-brand network cameras
- Support 8 SATA, 1 eSATA, 4USB

SPECIAL DVR & DVS

RS - 816VS3

16 Channels combo standalone DVR



- Up to 16 cameras with SXGA (1280×1024) display
- Built-in 19 inch LCD display (1366×768), with VGA input
- Each channel at CIF and special channel at D1 recording
- Dual encoding streams supported
- TV(BNC)/ HDMI synchronous video output,VGA Input
- Built-in web server & mobile phone

RS - 808VS3

8 Channel combo standalone DVR



- Up to 8 cameras with SXGA (1280×1024) display
- Built-in 19 inch LCD display (1366×768), with VGA input
- Each channel at CIF and special channel at D1 recording
- Dual encoding streams supported
- TV(BNC)/ HDMI synchronous video output, VGA Input
- Built-in web server & mobile phone

RS - 804VS3

4 Channels combo standalone DVR



- Up to 4 cameras with SXGA (1280×1024) display
- Built-in 19 inch LCD display (1366×768), with VGA input
- Each channel at CIF and special channel at D1 recording
- Dual encoding streams supported
- TV(BNC)/ HDMI synchronous video output,VGA Input
- Built-in web server & mobile phone

RS - 408VCS3

8 Channel combo standalone DVR



- Built-in 10 inch LCD up to 8 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

RS - 404VCS3

4 Channel combo standalone DVR



- Built-in 10 inch LCD up to 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

RS - 204MD3

4 Channel CIF card mobile DVR



- 4 Ch video & audio input
- Multi-information display & recording: Car Number, Time, Chnel GPS, Speed, support freely setting of overlay, recording, H.264 video Compression
- The adoption of built-in web server,client&mobilephone

RS - NVS104D

4 Channel video and audio inputs



- 100/120fps at CIF(4ch)
- Hot-swappable SD card for local storage
- POE, WIFI(optional)
- Built-in web server & mobile phone

RS - NVS102D

2 Channel video and audio inputs



- 50/60fps at half D1(2ch)
- Hot-swappable SD card for local storage
- POE, WIFI(optional)
- Built-in web server & mobile phone

RS - NVS101D

1 Channel video and audio inputs



- 25/30fps at D1(1ch)
- Hot-swappable SD card for local storage
- POE, WIFI(optional)
- Built-in web server & mobile phone

ANALOG CAMERA

RS - 220SH3

1/3" Sony super HAD CCD II



- Up to 700 TVL-0 LUX IR On
- With OSD, SWDR, MD, 3D DNR, FT ,AGC, WBC, HLC, BLC, DSS
- MAX IR distance: 120 meters
- 8~20 mm Zoom Lens
- DC12V- IP66

RS - 220SH2

1/3" Sony super HAD CCD II



- Up to 650 TVL-0 LUX IR On
- With OSD, DWDR, MD, 3D DNR, AGC, WBC, HLC, BLC,DSS
- MAX IR distance: 120 meters
- 8~20 mm Zoom Lens
- DC12V- IP66

RS - 233SH3

1/3" Sony super HAD CCD



- Up to 700 TVL- 0 Lux IR On
- With OSD, SWDR, MD, 3D DNR, FT ,AGC, WBC, HLC, BLC, DSS
- 6 mm Lens (8 , 12 mm Optional)
- Max IR distance : 80 meters
- DC12V- IP66

RS - 233SH2

1/3" Sony super HAD CCD



- Up to 650 TVL- 0 Lux IR On
- With OSD, DWDR, MD, 2D DNR, AGC, WBC, HLC, BLC,DSS
- 6 mm Lens (8 , 12 mm Optional)
- Max IR distance : 80 meters
- DC12V- IP66

RS - 213SH3

1/3" Sony super HAD CCD



- Up to 700 TVL- 0 Lux IR On
- With OSD, SWDR, MD, 3D DNR, FT ,AGC, WBC, HLC, BLC, DSS
- MAX IR distance: 30 ~ 40 meters
- 2.8 ~ 12 mm Lens (4~9 mm,9 ~ 22 mm Optional)
- DC 12V- IP66

RS - 213SH2

1/3" Sony super HAD CCD



- Up to 650 TVL- 0 Lux IR On
- With OSD, DWDR, MD, 2D DNR, AGC, WBC, HLC, BLC,DSS
- MAX IR distance: 30 ~ 40 meters
- 2.8 ~ 12 mm Lens (4~9 mm,9 ~ 22 mm Optional)
- DC 12V- IP66

RS - 215SH3

1/3" Sony super HAD CCD



- Up to 700 TVL- 0 Lux IR On
- With OSD, SWDR, MD, 3D DNR, FT ,AGC, WBC, HLC, BLC, DSS
- 2.8 ~ 12 mm Lens (4~9 mm,9 ~ 22 mm Optional)
- Max IR distance : 50 ~ 70 meters
- DC12V- IP66

RS - 215SH2

1/3" Sony super HAD CCD



- Up to 650 TVL- 0 Lux IR On
- With OSD, DWDR, MD, 2D DNR, AGC, WBC, HLC, BLC,DSS
- 2.8 ~ 12 mm Lens (4~9 mm,9 ~ 22 mm Optional)
- Max IR distance : 50 ~ 70 meters
- DC12V- IP66

RS - 211SH3

1/3" Sony super HAD CCD



- Up to 700 TVL- 0 Lux IR On
- With OSD, SWDR, MD, 3D DNR, FT ,AGC, WBC, HLC, BLC, DSS
- 4 mm Lens (6, 8 mm Optional)
- Max IR distance : 35 meters
- DC12V- IP66

RS - 211SH2

1/3" Sony super HAD CCD



- Up to 650 TVL- 0 Lux IR On
- With OSD, DWDR, MD, 2D DNR, AGC, WBC, HLC, BLC,DSS
- 4 mm Lens (6, 8 mm Optional)
- Max IR distance : 35 meters
- DC12V- IP66

RS - 124SH2

1/3" Sony super HAD CCD



- Up to 650 TVL- 0 LUX IR On
- With OSD, DWDR, AGC, BLC, AWC, DSS,2D DNR
- MAX IR distance: 20 meters
- 3.6 mm fixed lens
- DC12V- IP66

RS - 124SH

1/3" sharp CCD



- Up to 600 TVL- 0 LUX IR On
- With OSD, DWDR, AGC, BLC, AWC,2D DNR
- MAX IR distance: 20 meters
- 3.6 mm fixed lens
- DC12V -IP66

ANALOG CAMERA

RS - 190SH3

1/3" Sony super HAD CCD II



- Up to 700 TVL-0 LUX IR On
- With OSD, SWDR, MD, 3D DNR, FT, AGC, WBC, HLC, BLC, DSS
- MAX IR distance: 60 meters
- 2.8~12 or 4~9 mm Zoom Lens
- DC12V- IP66

RS - 190SH2

1/3" Sony super HAD CCD II



- Up to 650 TVL-0 LUX IR On
- With OSD, DWDR, MD, 2D DNR, AGC, WBC, HLC, BLC, DSS
- MAX IR distance: 60 meters
- 2.8~12 or 4~9 mm Zoom Lens
- DC12V- IP66

RS - 190SH

1/3" Sony super HAD CCD II



- Up to 600 TVL- 0 LUX IR On
- With OSD, DWDR, 2D DNR, AGC, WBC, HLC, BLC, MD
- MAX IR distance: 60 meters
- 2.8~12 or 4~9 mm Zoom Lens
- DC12V- IP66

RS - 150SH3

1/3" Sony super HAD CCD



- Up to 700 TVL- 0 LUX IR On
- With OSD, SWDR, MD, 3D DNR, FT, AGC, WBC, HLC, BLC, DSS
- MAX IR distance: 30 meters
- 2.8~12 or 4~9 mm zoom lens
- DC12V- IP66

RS - 150SH2

1/3" Sony super HAD CCD



- Up to 650 TVL-0 LUX IR On
- With OSD, DWDR, AGC, 3D DNR, MD, HLC, BLC, DSS, mirror
- MAX IR distance: 30 meters
- 2.8~12 or 4~9 mm zoom lens
- DC12V- IP66

RS - 150SH

1/3" Sony super HAD CCD



- Up to 600 TVL -0 LUX IR On
- With OSD DWDR, AGC, 3D DNR, MD, HLC, BLC, mirror
- MAX IR distance: 30 meters
- 2.8~12 or 4~9 mm zoom lens
- DC12V- IP66

RS - 140SH3

1/3" Sony super HAD CCD



- Up to 700 TVL- 0 LUX IR On
- With OSD, SWDR, 3D DNR, MD, mirror, AGC, BLC, HLC, FT
- MAX IR distance: 40 meters
- CS lens 4 mm
- DC12V- IP66

RS - 140SH2

1/3" sharp CCD



- Up to 650 TVL- 0 LUX IR On
- With OSD, DWDR, 2D DNR, MD, mirror, AGC, BLC, HLC
- MAX IR distance: 40 meters
- CS lens 4 mm
- DC12V- IP66

RS - 140SH

1/3" sharp CCD



- Up to 600 TVL-0 LUX IR On
- With OSD, DWDR, 2D DNR, MD, mirror, AGC, BLC, HLC
- MAX IR distance: 40 meters
- CS lens 4 mm
- DC12V- IP66

RS - 145SH3

1/3" Sony super HAD CCD II



- Up to 700 TVL- 0 LUX IR On
- With OSD, SWDR, MD, 3D DNR, FT, AGC, WBC, HLC, BLC, DSS
- MAX IR distance: 30~40 meters
- 2.8~12mm zoom lens
- DC12V- IP66

RS - 145SH2

1/3" Sony super HAD CCD II



- Up to 650 TVL-0 LUX IR On
- With OSD, DWDR, MD, 2D DNR, AGC, WBC, HLC, BLC, DSS
- MAX IR distance: 30~40 meters
- 2.8~12mm zoom lens
- DC12V- IP66

RS - 145SH

1/3" Sony super HAD CCD II



- Up to 600 TVL- 0 LUX IR On
- With OSD, DWDR, MD, 2D DNR, AGC, WBC, HLC, BLC
- MAX IR distance: 30~40 meters
- 2.8~12mm zoom lens
- DC12V- IP66

ANALOG CAMERA

RS - 115 SH

1/3" sharp CCD



- Up to 600 TVL-0.001Lux
- MAX IR distance: 20 meters
- Automatic BLC, AGC, WBC
- DC12V- IP66

RS - 172H

1/3" Sony super HAD CCD



- Up to 540 TVL- 0 LUX IR On
- MAX IR distance: 40 meters
- 4~9mm Manual Zoom Lens
- Intelligent IR
- DC12V- IP65

RS - 550SH2

1/3" Sony super HAD CCD



- Up to 650 TVL- 0.003 Lux (F1.2)
- With OSD, DWDR, DSS, 3D DNR, MD, BLC, AGC, HLC, WBC, MASK
- DC Auto Iris function
- DC12V

RS - 130SH3

1/3" Sony super HAD CCD II



- Up to 700 TVL-0 LUX IR On
- With OSD, SWDR, MD, 3D DNR, FT ,AGC, WBC, HLC, BLC, DSS
- MAX IR distance: 20 meters
- 3.6mm board lens(F/2.0)
- DC12V- IP66

RS - 130SH2

1/3" Sony super HAD CCD II



- Up to 650 TVL-0 LUX IR On
- With OSD, DWDR, MD, 2D DNR, AGC, WBC, HLC, BLC, DSS
- MAX IR distance: 20 meters
- 3.6mm board lens(F/2.0)
- DC12V- IP66

RS - 130SH

1/3" Sony super HAD CCD II



- Up to 600 TVL- 0 LUX IR On
- With OSD, DWDR, MD, 2D DNR, AGC, WBC, HLC, BLC
- MAX IR distance: 20 meters
- 3.6mm board lens(F/2.0)
- DC12V- IP66

PTZ DOME CAMERA

RS - SD230DH

High speed 23x Dome camera



- 1/4" Sony super HAD CCD II
- High resolution of 540TVL - 0.001LUX
- 3.9~89.7mm-23x optical zoom
- Day & Night, ICR, 2D & 3D DNR, AWB, auto focus, OSD, 3D positioning
- MAX Pan speed: 300°
- preset, auto scan, tour, pattern
- IP67

RS - SD360DH

High speed 36x Dome camera



- 1/4" progressive scan Exview HAD CCD
- High resolution of 600TVL-0.01LUX
- 3.4~122 mm-36x optical zoom and 12x digital zoom
- Day & Night, ICR, 2D & 3D DNR, AWB, AGC, BLC, auto focus, OSD, 3D positioning, AE
- MAX Pan speed: 400°
- preset, auto scan, tour, pattern, IP67, 24V AC

RS - SDIR230DH

High speed 23x IR Dome camera



- 1/4" sony super HAD CCD II
- High resolution of 540TVL - 0.001LUX
- 3.9~89.7mm-23x optical zoom
- MAX IR distance: over 80 meters
- Day & night, ICR, 2D & 3D DNR, AWB, auto focus, OSD, 3D positioning
- MAX Pan speed: 240°
- Preset, auto scan, tour, pattern, 24V AC ,IP66

RS - SDIR360DH

High speed 36x IR Dome camera



- 1/4" Exview HAD CCD II
- High resolution of 600TVL - 0.01LUX
- 3.4~122 mm-36x optical zoom
- MAX IR distance: over 80 meters
- Day & Night , ICR, 2D & 3D DNR, AWB, AGC, BLC, auto focus, OSD, 3D positioning
- MAX Pan speed: 240°
- preset, auto scan, tour, pattern, 24V AC, IP66

RS - MD220C

MID speed 22x Dome camera



- 1/4" Sony super HAD CCD
- High resolution of 480 TVL- 0.08LUX
- 3.9~85mm-22x optical zoom
- Pan/Tilt speed: 0°~120°/ 0°~120°
- Day & Night ,BLC, AGC, AWB
- Preset, scan
- 24V AC, IP66

RS - MD100C

MID speed mini Dome camera



- 1/4" Sony super HAD CCD
- High resolution of 500 TVL COLOR/600TVL B/W- 0.01LUX
- 3.8~38mm-10x optical zoom
- Pan/ Tilt speed: 0°~50°/ 0°~25°
- Day & Night ,RS-485, Pelco D/P supported
- Preset, scan
- 12V DC, IP66

PTZ DOME CAMERA

RS - SD270C

High speed 27x Dome camera



- 1/4" Sony super HAD CCD
- High resolution of 540 TVL/ 0.01LUX
- 3.6~98mm-27x optical zoom
- Pan/Tilt speed: 0°~400°/0°~120°
- Day & Night, ICR, DSS
- LG module
- Preset, tour, pattern, scan
- 24V AC, IP66

RS - SD330C

High speed 33x Dome camera



- 1/4" Sony super HAD CCD
- High resolution of 550 TVL - 0.05LUX
- 3.5~115mm-33x optical zoom
- Pan/Tilt speed: 0°~400°/0°~120°
- Day & Night, ICR, SSNR
- SAMSUNG module
- Preset, tour, pattern, scan
- 24V AC, IP66

RS - SD370C

High speed 37x Dome camera



- 1/4" Sony super HAD CCD
- High resolution of 550 TVL/ 0.01LUX
- 3.4~122 mm-37x optical zoom
- Pan/Tilt speed: 0°~400°/0°~120°
- Day & Night, ICR, DSS, SSNR, BLC, HLC, WDR
- SAMSUNG module
- Preset, tour, pattern, scan
- 24V AC, IP66

RS - ST370C

Auto-tracking 37x Dome camera



- 1/4" Sony super HAD CCD
- High resolution of 550 TVL/0.05LUX
- 3.4~122mm -37x optical zoom and 12x digital zoom
- Pan/Tilt speed: 0°~400°/0°~120°
- SAMSUNG module
- DSS, Day & Night, ICR, RS-485, WDR, Auto Tracking,
- Preset, tour, pattern, scan
- 24V AC, IP66

RS - ST270C

Auto-tracking 27x Dome camera



- 1/4" SONY super HAD CCD
- High resolution of 540 TVL/ 0.01LUX
- 3.5~94.5 mm-27x optical zoom and 16x digital zoom
- Pan/Tilt speed: 0°~400°/0°~120°
- SAMSUNG module
- Day & Night, DSS, ICR, Auto Tracking, RS-485
- Preset, tour, pattern, scan
- 24V AC, IP66

RS - SDIR180C

High speed IR PTZ Dome camera



- 1/4" Exview HAD CCD
- High resolution of 480 TVL/ 0.01LUX
- 3.6~82mm,
- Pan/Tilt speed: 0°~80°/0°~60°
- MAX IR distance: 100 meters
- SONY module
- Preset, tour, pattern, scan
- 24V AC, IP66

FIXED IP CAMERA

RS - IP3300HC

3 Megapixel PS Exmor CMOS



- Up to 15fps at 3MP & 25/30fps at 2MP
- H.264 & MJPEG encoding
- Lens: 3.3~12 mm
- MAX IR distance: 10~20 meters
- D&N(ICR), Auto Iris, Micro SD card
- IK10, IP66, AC24V/DC12V, POE, WiFi (optional)

RS - IP3200HC

2 Megapixel PS Exmor CMOS



- Up to 25~30 fps at 2MP
- H.264 & MJPEG encoding
- Lens: 3.3~12 mm
- MAX IR distance: 10~20 meters
- D&N(ICR), Auto Iris, Micro SD card
- IK10, IP66, AC24V/DC12V, POE, WiFi (optional)

RS - IP3300HD

3 Megapixel PS Exmor CMOS



- Up to 15fps at 3MP & 25/30fps at 2MP
- H.264 & MJPEG encoding
- Lens: 4.5~10mm (F1.6)
- D&N(ICR), Auto Iris, Micro SD card
- IK10, IP65, AC24V/DC12V, POE, WiFi (optional)

RS - IP3300HDI

3 Megapixel PS Exmor CMOS



- Up to 15fps at 3MP & 25/30fps at 2MP
- H.264 & MJPEG encoding
- Lens: 4.5~10mm (F1.6)
- MAX IR distance: 10~20 meters
- D&N(ICR), Auto Iris, Micro SD card
- IK10, IP65, AC24V/DC12V, POE, WiFi (optional)

RS - IP3300HI

3 Megapixel PS Exmor CMOS



- Up to 15fps at 3MP & 25/30fps at 2MP
- H.264 & JPEG encoding
- Lens: 8~16mm
- MAX IR distance: 20~30 meters
- D&N(ICR), Auto Iris, Micro SD card
- IP66, AC24V/DC12V, POE, WiFi (optional)

RS - IP3100HI

1.3 Megapixel PS Exmor CMOS



- Up to 25 fps at 1 MP
- H.264 & JPEG encoding
- Lens: 8~16 mm
- MAX IR distance: 20~30 meters
- D&N(ICR), Auto Iris, Micro SD card
- IP66, AC24V/DC12V, POE, WiFi (optional)

FIXED IP CAMERA

RS - IP3500HF

5 Megapixel full HD IP Camera



ONVIF



- Up to 8 fps at 5Mp 20 fps at 3 MP
- H.264 & MJPEG encoding
- D&N(ICR), Auto Iris, SD, SDHC card
- CS lens Mount
- DC12V/AC24V, POE
- WiFi (optional)

RS - IP3300HF

3 Megapixel full HD IP Camera



ONVIF



- Up to 20 fps at 3Mp 25 ~ 30 fps at 1080p
- H.264 & MJPEG encoding
- D&N(ICR), Auto Iris, SD, SDHC card
- CS lens Mount
- DC12V/AC24V, POE
- WiFi (optional)

RS - IP3200HF

2 Megapixel full HD IP Camera



ONVIF



- Up to 25 ~ 30 fps at 1080p
- H.264 & MJPEG encoding
- D&N(ICR), Auto Iris, SD, SDHC card
- CS lens Mount
- DC12V/AC24V, POE
- WiFi (optional)

RS - IP3100HF

1.3 Megapixel HD IP Camera



ONVIF



- Up to 25~30 fps at 1.3 MP 720P
- H.264 & MJPEG encoding
- D&N(ICR), Auto Iris, SD, SDHC card
- CS lens Mount
- DC12V/AC24V, POE
- WiFi (optional)

RS - IP3200HFD

2 Megapixel PS Exmor CMOS



ONVIF



- Up to 25~30 fps at 1080P
- H.264 & MJPEG encoding
- Lens: 2.8/ 4/ 6/ 8mm optional
- D&N(ICR), Auto Iris, Micro SD card
- IP66, DC12V, POE
- WiFi (optional)

RS - IP3100HFD

1.3 Megapixel PS Exmor CMOS



ONVIF



- Up to 25~30fps at 1.3 MP
- H.264 & MJPEG- JPEGE encoding
- Lens: 2.8/ 4/ 6/ 8mm optional
- D&N (ICR), Auto Iris, Micro SD card
- IP66, DC12V, POE
- WiFi (optional)

RS - IP66FB

Full D1 fixed IP camera



ONVIF



- Up to 25~30fps at D1, HD1, CIF
- H.264 & JPEG, Dual-codec
- SD-SDHC card
- Alarm I/O, RS-485 and RS-232, POE, Wi-Fi (optional)

RS - IP1300HI

1.3 Megapixel PS Exmor CMOS



ONVIF



- Up to 25~30fps at 1.3 MP
- H.264 & MJPEG encoding
- Lens: 6 mm(3.6, 8mm optional)
- MAX IR distance: 20 meters
- D&N(ICR), Micro SD card
- IK10, IP66, AC24V/DC12V, POE, WiFi (optional)

RS - IP60C

VGA IP cube- camera



ONVIF



- Up to 25~30 fps at VGA
- H.264 & JPEG encoding
- Lens: 4.3mm
- MAX IR distance: 7~10 meters
- D&N, Auto Iris, Micro SDcard
- DC 5V, WiFi (Optional)

RS - IP66FD

Full D1 IP Dome camera



ONVIF



- Up to 25~30 fps at D1
- H.264 & JPEG
- Lense : 6mm (3.6,8,12mm optional)
- Micro SD card
- IK10,IP 65, Alarm I/O, RS485
- DC 12V, WiFi (optional)

RS - IP66FDW

Full D1 IP Dome camera



ONVIF



- Up to 25~30 fps at D1
- H.264 & JPEG
- Lense : 6mm (3.6,8,12mm optional)
- MAX IR distance: 20~30 meters
- Micro SD card
- IK10,IP 65, Alarm I/O, RS485, WiFi (optional)

RS - IP66FI

Full D1 fixed -IP camera



ONVIF



- Up to 25~30 fps at D1
- H.264 & dual-stream encoding
- Lens: 8 mm
- MAX IR distance: 20~30 meters
- Micro SD card
- IP66, DC12V, POE, WiFi (Optional)

IP PTZ DOME CAMERA

RS - SD1318H

1.3 megapixel high speed camera



ONVIF



- H.264 & MPEG 4 encoding
- 4.5~81mm focal lens
- Up to 15 fps at 1.3M(1280x960) & 25~30fps at 720P
- 18x optical zoom, D&N(ICR)
- Max 400 °/s pan speed/IP66

RS - SD2020H

2 megapixel high speed camera



ONVIF



- H.264 & MPEG 4 encoding
- 4.7~94mm focal lens
- Up to 25~30 fps at 1080P
- 20x optical zoom, D&N(ICR)
- Max 400 °/s pan speed/IP67

RS - SD3022H

3 megapixel high speed camera



ONVIF



- H.264 & MPEG4 encoding
- 4.7~94mm focal lens
- Up to 15 fps at 2048x1536
- 20x optical zoom, D&N(ICR)
- Max 400 °/s pan speed/IP67

RS - SDI1318H

1.3 megapixel high speed IR camera



ONVIF



- H.264 & MPEG4 encoding
- 4.5~81mm focal lens
- Up to 15 fps at 1280x960
- 18x optical zoom, D&N(ICR)
- Max 240 °/s pan speed/ IP66
- MAX IR distance: 100 meters

RS - SDI2020H

2 megapixel high speed IR camera



ONVIF



- H.264 & MPEG4 encoding
- 4.7~94 mm focal lens
- Up to 25 fps at 1080P
- 20x optical zoom, D&N(ICR)
- Max 240 °/s pan speed/ IP66
- MAX IR distance: 100 meters

RS - SDI3022H

3 megapixel high speed IR camera



ONVIF



- H.264 & MPEG4 encoding
- 4.7~103.4 mm focal lens
- Up to 15 fps at 2048x1536
- 22 x optical zoom, D&N(ICR)
- Max 240 °/s pan speed/ IP66
- MAX IR distance: 100 meters

DVR CARD

RS - C2016HBX

16 Channel audio and video hardware card



- H.264 video compression algorithm
- 16 channel full D1 video realtime and dual-stream
- TV or VGA output with multi split and tour display
- SDK in windows OS or Linux OS
- PCI express interface

RS - C2016HB

16 Channel audio and video hardware card



- H.264 video compression algorithm
- 16 channel full D1 video realtime and dual-stream
- TV or VGA output with multi split and tour display
- SDK in windows OS or Linux OS
- PCI interface

RS - C2008HB

8 Channel audio and video hardware card



- H.264 video compression algorithm
- 8 channel full D1 video realtime and dual-stream
- TV or VGA output with multi split and tour display
- SDK in windows OS or Linux OS
- PCI interface

LENS

RS-D23518R

- 2Mega pixel & day/night infrared lens
- 3.5 ~ 18 mm focal length
- C Mount / DC iris
- F-stop:1/1.4

RS-D13312R

- 2Mega pixel & day/night Vari focal lens
- 3.3 ~ 12 mm focal length
- CS Mount / DC iris
- F-stop:1/1.4

RS-10409R

- 1.3 Mega pixel lens
- 4 ~ 9 mm focal length
- CS Mount / DC iris
- F-stop:1/1.4

RS-D10308R

- 1.3 Mega pixel & day/night infrared lens
- 3 ~ 8 mm focal length
- CS Mount / DC iris
- F-stop:1/1.0

RS-0510018Z

- 1.3Mega pixel lens
- 5 ~ 100 mm focal length
- CS Mount / Direct Drive
- F-stop:1/1.8

RS-D281214

- 1.3Mega pixel lens
- 2.8 ~ 12 mm focal length
- CS Mount / Direct Drive
- F-stop:1/1.4

eSATA Storage

RS-154ES

4HDDs eSATA Storage



- 4 SATA HDDs, support up to 16TB
- W/R capacity: Write>40MB/s, Read > 70MB/s
- Support all NVR/DVRs with eSATA port
- Standard 1.5U case

Network Storage

RS-166SVR

Super HD Network Video Recorder



- Full HD network video storage solution
- Max 32ch at 1080P video recording
- Max 16ch at 1080P video transmission
- Max 8ch at 1080P video playback
- 16 SATA HDDs, RAID0/1/5

RS-163NAS

16 HDDs Network Storage



- High capacity network video storage solution
- IPSAN / NAS
- SAMBA, NFS, ISCSI, CIFS, FTP, HTTP and etc.
- 16 SATA HDDs, RAID0/1/5

SOFTWARE

DSS

Digital Surveillance System



DSS Manager Playback Live View

- Support DVR, SVR, NVR, NVS, IPC, NVD and etc
- Max 5000 channel connection
- C/S, B/S structure network surveillance system
- Multi-level management system
- Used for large-scale & significant applications

PSS

Pro Surveillance System



E-map Live View



- Max 1000 channel connection
- Max 100(10 × 10) video live view
- Support DVR, SVR, NVR, NVS, IPC, NVD and etc
- support Multi-screen
- Used for central monitoring system

DMSS

Mobile Phone Surveillance Software



- Support iPhone, Android, Blackberry, Windows Mobile, Symbian
- Network Live view & PTZ
- Max 32 channel connection
- Support DVR, NVS, IPC

SOFTWARE

DSC



- support DVR card
- support up to 64 channel
- support 2 monitors for E-map & preview
- support IP cameras
- 16 channel playback

KEYBOARD

RS-KN21



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

RS-KN3000



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

IP Support List



BOSCH Canon DYNACOLOR

Honeywell

Panasonic
ideas for life

SANYO

SONY

SAMSUNG

ONVIF

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