

High-Quality 1080p HD Security Camera with View-DR Technology

- Excellent 1080p HD picture quality, supporting H.264 at 30 fps
- 3 Megapixel (1920 x 1440) maximum resolution
- Three codecs (H.264, MPEG-4, JPEG) and a dual streaming capability
- The Exmor[™] CMO\$ sensor incorporated to deliver high image quality and low noise







Key Features

 View-DR™ technology—Sony's innovative Wide Dynamic Range technology— to capture objects clearly and adaptively even under very severe backlight or highlight conditions.





OFF



(Actual Images)

- Visibility Enhancer to optimize the brightness and color reproduction
 of an image dynamically on a pixel-by-pixel basis while continuously
 adapting to the scene, within the given dynamic range.
- Easy Focus function for easy installation.
- DEPA[™] Advanced Intelligent Video and Audio Analytics to trigger an alarm, based on user-defined rules.



 Equipped with a CompactFlash[™] slot for on-board recording and wireless operation capability with the optional SNCA-CFW5 802.11g card.

- Optical Day/Night function to switch to Day or Night mode depending on the light level.
- XDNRTM (eXcellent Dynamic Noise Reduction) technology for clear images without motion blur under low illumination.





OFF





ON

(Actual Images)

- Powered by either AC 24 V, DC 12 V, or PoE (Power over Ethernet) for easy installation.
- Equipped with a BNC connector to instantly monitor the video while installing the camera.
- ONVIFTM (Open Network Video Interface Forum) software that ensures greater interoperability and more flexibility in building multiple-vendor systems.

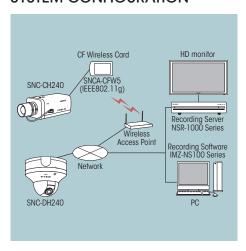




SPECIFICATIONS

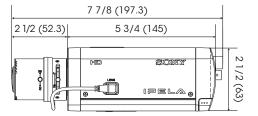
	SNC-CH240
Camera	1/2 0 km a managaina agas Firmay OMOS agasas
mage device	1/2.8 type progressive scan Exmor CMOS sensor
Minimum illumination	Color: 0.40 lx, B/W: 0.25 lx (F1.2/View-DR OFF/XDNR ON-Middle/VE OFF/AGC High/50 IRE [IP])
Number of effective pixels (H × V)	3.27 Megapixel (2096 × 1561)
Electronic shutter speed	1s to 1/10000s
Gain control	Auto (3 levels)
exposure control	Auto, EV Compensation*1, Auto Slow Shutter*2
Vhite balance mode	Auto (ATW, ATW-PRO), Preset, One-push WB, Manual
ens type	CS mount lens
Zoom ratio	Optical 2.1X (x2 Digital Zoom)
Horizontal viewing angle	101.2 to 47.0 degrees
Focal length	f=2.8 to 6.0 mm
-number	F1.3 (Wide), F1.9 (Tele)
Minimum object distance	300 mm
Powered focus	Yes (Easy Focus)
Camera Features	
Day/Night*3	Yes
Wide-D	View-DR Technology (90dB)
mage enhancement	Visibility Enhancer
Noise reduction	XDNR Technology
mage	
Codec image size (H×V)	1920 × 1440, 1600 × 1200, 1680 × 1056, 1920 × 1080, 1440 × 912, 1376 × 768, 1280 × 960, 1280 × 800, 1280 × 720, 1280 × 1024, 1024 × 768, 1024 × 768, 0024 × 810, 800 × 480, 640 × 368, 364 × 288, 320 × 240, 320 × 192 (H.264, MPEG-J., JPEG)
Video compression format	H.264, MPEG-4, JPEG
Codec streaming capability	Dual streaming
Maximum frame rate	H264:20 fps (1920 × 1440) / 30 fps (1920 × 1080) MPEG-4: 15 fps (1920 × 1440) / 20 fps (1920 × 1080) JPEG: 10 fps (1920 × 1440) / 15 fps (1920 × 1080)
Audio	01201101pb (1720 X 1110)7 10 lpb (1720 X 1000)
Audio compression	G.711/G.726
Scene Analytics	
ntelligent motion detection	Yes (with built-in Post Filter)
ntelligent object detection	No
Rule filter	Yes
Network	
Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client/server), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP (MIB-2)
ONVIF software	Yes
Vireless network	Yes (with option*4)
Number of clients	10
Authentication	IEEE802.1X
Analog Video Output	
Cinnal avalons	NTSC / PAL
Signal system	NIOO/ I/LE
	600 TV lines
Horizontal resolution	
Horizontal resolution S/N ratio	600 TV lines
Horizontal resolution S/N ratio nterface	600 TV lines
Horizontal resolution 6/N ratio nterface Ethernet	600 TV lines More than 50 dB
dorizontal resolution S/N ratio nterface Ethernet Gerial interface	600 TV lines More than 50 dB 10BASE-T/ 100BASE-TX (RJ-45)
forizontal resolution S/N ratio nterface Ethernet Gerial interface Card slots	600 TV lines More than 50 dB 10BASE-T/ 100BASE-TX (RJ-45) No
forizontal resolution SN ratio Interface Eithernet Serial interface Card slots Analog video output	600 TV lines More than 50 dB 10BASE-T/ 100BASE-TX (RJ-45) No × 1
Horizontal resolution S/N ratio Interface Ethernet Serial interface Card slots Analog video output Sensor input	600 TV lines More than 50 dB 10BASE-TV (RJ-45) No ×1 BNC × 1
Horizontal resolution SM ratio Interface Ethernet Serial interface 2ard slots Analog video output Sensor input Norm output	600 TV lines More than 50 dB 10BASE-T/ 100BASE-TX (RJ-45) No ×1 BNC ×1 ×1
torizontal resolution SM ratio Interface Sthemet Serial interface 2ard slots Inalog video output Sensor input Idam output Schemal microphone input	600 TV lines More than 50 dB 10BASE-T/ 100BASE-TX (RJ-45) No x1 BNC x1 x1 x2
forizontal resolution An artio Interface Ithernet Identificate Serial interface Card slots Innalog video output Identificate Identifi	600 TV lines More than 50 dB 10BASE-T/ 100BASE-TX (RJ-45) No ×1 BNC x 1 x 1 x 2 Mini-jack (Monaural), MIC IN/LINE IN: 2.5VDC plug-in power
Horizontal resolution SM ratio Interface Ithernet Serial interface 2ard slots Analag video output Sensor input Marm output External microphone input Audio line output Sensor il	600 TV lines More than 50 dB 10BASE-T/ 100BASE-TX (RJ-45) No ×1 BNC x 1 x 1 x 2 Mini-jack (Monaural), MIC IN/LINE IN: 2.5VDC plug-in power
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Horizontal resolution S/N ratio Interface Ethernet Serial interface Card slots Analog video output Sensor input Naturn output Seternal microphone input Audio line output Seneral Veight Dimensions Power requirements	600 TV lines More than 50 dB 10BASE-T / 100BASE-TX (RJ-45) No ×1 BNC × 1 X 1 ×2 Mini-jack (Monaural), MiC IN/LINE IN: 2.5VDC plug-in power Mini-jack (Monaural), Max output level: 1 Vrms 1 lb 7 oz (650 g) 2 7/8 × 2 1/2 × 7 7/8 inches (72 × 63 × 197.3 mm)
Horizontal resolution SM ratio Interface Ethernet Serial interface 2ard slots Analag video output Sensor input Narm output External microphone input Audio line output General Weight Dimensions Power requirements Power consumption	600 TV lines More than \$0 dB 10BASE-T/ 100BASE-TX (RJ-45) No ×1 BNC x 1 x 1 x 1 x 2 Mini-jack (Monaural), MIC INVLINE IN: 2.5VDC plug-in power Mini-jack (Monaural), Max output level: 1 Vrms 1 lb 7 oz (650 g) 2 7/8 x 2 1/2 x 7 7/8 inches (72 x 63 x 197.3 mm) PoE, AC 24 V, DC 12 V
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Horizontal resolution SAN ratio Interface Ethernet Serial interface Card slots Analog video output Sensor input Alarm output Setwenal microphone input Audio line output General Weight Dimensions Power requirements Power consumption Starting temperature Working temperature Startey requirements Starting temperature Starting temperature Startey requirements Starting temperature Starting	600 TV lines More than 50 dB 10BASE-T / 100BASE-TX (RJ-45) No ×1 BNC ×1 X1 X1 ×1 X1
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Horizontal resolution SM ratio Interface Ethernet Serial interface Ord slots Analog video output Sensor input Alarm output External microphone input Audio line output General Weight Dimensions Power requirements Power consumption Starting temperature Working temperature Sorge tempe	600 TV lines More than 50 dB 10BASE-T / 100BASE-TX (RJ-45) No ×1 BNC ×1 X1 X1 ×1 X1
Horizontal resolution SAN ratio Interface Ethernet Serial interface Cord slots Analog video output Sensor input Alarm output Sextemal microphone input Audio line output General Weight Dimensions Power requirements Power consumption Starting temperature Working temperature Startey stemperature Startey system Requirements Operating system Processor Memory	600 TV lines More than 50 dB 10BASE-T7 (100BASE-TX (RJ-45) No ×1 BNC ×1 ×1 Wini-jack (Monaural), MIC IN/LINE IN: 2.5VDC plug-in power Mini-jack (Monaural), Max output level: 1 Vrms 1 lb 7 oz (650 g) 2 7/8 × 2 1/2 × 7 7/8 inches (72 × 63 × 197.3 mm) Poc. AC 24 V, DC 12V 11.2 W max. 32 to 122°F (-10 to +50°C) -4 to +140°F (-20 to +60°C) UL2044, FCC 158 Class A, IC Class A, IEC60950-1, EN55022(A)+EN55024+EN50130-4, VCCI Class A, C-Tick Class A Windows XP®, Windows Viste®, Windows 7® Intel Core2 Duo® 2 GHz or higher 1 GB or more
Signal system Horizontal resolution SAN ratio Interface Ethernet Serial interface Card slots Analog video output Sensor input Alarm output External microphone input Audio line output General Weight Dimensions Power requirements Power requirements Vorting temperature Working temperature Storage temperature Sofety regulation System Requirements Operating system Processor Memory Web browser Suppolied Accessories	600 TV lines More than \$0 dB 108ASE-T/ 100BASE-TX (RJ-45) No x 1 RNC x 1 x 1 x 2 Mini-jack (Monaural), MilC IN/LINE IN: 2.5VDC plug-in power Mini-jack (Monaural), MilC IN/LINE IN/LINE 1 b 7 oz (650 g) 2 7/8 × 2 1/2 × 7 7/8 inches (72 × 63 × 197.3 mm) Poc. Ac 24 V, Dc 12 V 11.2 W max. 32 to 122°F (01 to 50°C) -4 to +140°F (-20 to +60°C) U12044, FCC 158 Class A, IC Class A, IEC60950-1, EN55022(A)+EN55024+EN50130-4, VCCI Class A, C-Tick Class A Windows XP®, Windows Viste®, Windows 7® Intel Care2 Duo® 2 GHz or higher
Horizontal resolution SiA ratio Interface Ethernet Serial interface Card slots Analog video output Sensor input Alaarm output Several microphone input Audio line output General Weight Dimensions Power consumption Starting temperature Morking temperature Storage temperature Storage temperature Storage temperature Storage temperature Solerly regulation System Requirements Departing system Processor Memory Meb browser	600 TV lines More than \$0 dB 108ASE-T/ 1008ASE-TX (RJ-45) No x1 RNC x1 x1 x2 Mini-jack (Monaural), MIC IN/LINE IN: 2.5VDC plug-in power Mini-jack (Monaural), MIC IN/LINE IN: 2.5VDC plug-in power Mini-jack (Monaural), MIC IN/LINE IN: 2.5VDC plug-in power Mini-jack (Monaural), Max output level: 1 Vrms 1 lb 7 oz (650 g) 27/8 x 2 1/2 x 77/8 inches (72 x 63 x 197.3 mm) PoE, AC 24 V, DC 12 V 11.2 W max. 32 to 122°F (10 to 50°C) 23 to 122°F (10 to +50°C) -4 to +140°F (-20 to +60°C) UI2044, FCC 158 Class A, IC Class A, IEC60950-1, EN55022(A)+EN55024+EN50130-4, VCCl Class A, C-Tick Class A Windows XP®, Windows Viste®, Windows 7® Intel Care2 Duo® 2 GHz or higher 1 GB or more Microsoft Internet Explorer® Ver6.0, 7.0, or 8.0
Horizontal resolution SiA ratio Interface Ethernet Serial interface Card slots Analog video output Sensor input Alarm output Suternal microphone input Audio line output General Weight Dimensions Power requirements Power consumption Starting temperature Working temperature Storage temperature Storage temperature Storage temperature Solety regulation System Requirements Departing system Processor Weemary Web browser	600 TV lines More than 50 dB 10BASE-T7 (100BASE-TX (RJ-45) No ×1 BNC ×1 ×1 Wini-jack (Monaural), MIC IN/LINE IN: 2.5VDC plug-in power Mini-jack (Monaural), Max output level: 1 Vrms 1 lb 7 oz (650 g) 2 7/8 × 2 1/2 × 7 7/8 inches (72 × 63 × 197.3 mm) Poc. AC 24 V, DC 12V 11.2 W max. 32 to 122°F (-10 to +50°C) -4 to +140°F (-20 to +60°C) UL2044, FCC 158 Class A, IC Class A, IEC60950-1, EN55022(A)+EN55024+EN50130-4, VCCI Class A, C-Tick Class A Windows XP®, Windows Viste®, Windows 7® Intel Core2 Duo® 2 GHz or higher 1 GB or more
Horizontal resolution SiA ratio Interface Ethernet Serial interface Card slots Analog video output Sensor input Alaarm output Several microphone input Audio line output General Weight Dimensions Power consumption Starting temperature Morking temperature Storage temperature Storage temperature Storage temperature Storage temperature Solerly regulation System Requirements Departing system Processor Memory Meb browser	600 TV lines More than 50 dB 10BASE-T7 (100BASE-TX (RJ-45) No ×1 BNC ×1 ×1 RNC ×1 ×2 Mini-jack (Monaural), MIC IN/LINE IN: 2.5VDC plug-in power Mini-jack (Monaural), Max output level: 1 Vrms 1 lb 7 oz (650 g) 2 7/8 × 2 1/2 × 7 7/8 inches (72 × 63 × 197.3 mm) Poc. Ac 24 V, Dc 12 V 11.2 W max. 32 to 122°F (-10 to +50°C) -4 to +140°F (-20 to +60°C) UIZ044, FCC 158 Class A, IC Class A, IEC60950-1, EN55022(A)+EN55024+EN50130-4, VCCI Class A, C-Tick Class A Windows XP®, Windows Viste®, Windows 7® Intel Core2 Duo® 2 GHz or higher 1 68 or more Microsoft Internet Explore® Ver6.0, 7.0, or 8.0 CD-ROM (User's Guide, SNC Toolbox)

SYSTEM CONFIGURATION



DIMENSIONS

Unit: inches (mm)





B&P Worranty Booklet

*1 VE off mode only. *2 View-DR off mode only. *3 Removable IR Cut Filter. *4 With optional SNCA-CFW5.

*The SNC-CH240 include software developed by the OpenSSL Project for use in the OpenSSL Toolkif (http://www.openssl.org/).