Outdoor IP66 1080p HD Security Camera with IR Illuminators

- 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 dual streaming capability
- Exmor™ CMOS sensor incorporated to deliver high image quality and low noise
- Dynamic range better than 60 dB

KEY FEATURES

- Built-in IR (Infrared) illuminators to assist capturing objects in the dark even under 0 lx, up to 59 feet (18 m) (50 IRE) away. Adaptive IR auto adjusts IR level for best picture.
- IP66-rated water-resistant and dust-tight feature for outdoor surveillance, or indoor where water ingress may pose an issue.
- Easy Focus / Easy Zoom functions to remotely change the field of view and focus.
- True Day/Night function to switch to Day or Night mode depending on the light level.
- Recording software (RealShot™ Manager Lite) is bundled to start recording and monitoring instantly.
- Stream Squared function allows simultaneous streaming of two 4:3 aspect ratio videos in user selectable SD resolutions. User can select the entire image or a portion of the image from the original field of view and resize to VGA resolution or lower for each stream. With this feature, the SNC-CH260 can replace two standard definition cameras installed in the same line of view.
- Intelligent Motion Detection that supports DEPA™ analytics.
- Equipped with a phono jack to instantly monitor the video while installing the camera.
- Powered by PoE (Power over Ethernet) for simple installation.
- Equipped with a built-in heater for continued camera operation in cold weather supported (-22°F to +122°F/-30°C to +50°C)
- ONVIF™ (Open Network Video Interface Forum) software that ensures greater interoperability and more flexibility in building multiple-vendor systems.
SPECIFICATIONS

SNC-CH260

Image device
1/2.8 type progressive scan Exmor CMOS sensor

Minimum Illumination
Color: 0.70 lx, B/W: 0.1 lx (IR Cut)
(F1.2 AGC 42dB / 50IRE [IP])

Dynamic range
Better than 60 dB

Number of effective pixels (H x V)
Approx. 3.27Megapixel
(2096 x 1561)

Electronic shutter speed
1s to 1/10000 s

Gain control
Auto

Exposure control
Auto, EV Compensation, Auto Slow Shutter

White balance mode
Auto (ATW, ATW-PRO), Preset, One-push WB, Manual

Lens type
Built-in Vari-focal lens

Zoom ratio
Optical 2.9X (x2 Digital Zoom)

Horizontal viewing angle
88.5 degrees to 32.3 degrees

Focal length
f=3.1 mm to 8.9 mm

Minimum object distance
300 mm

Powered focus
Yes (Easy Focus)

Powered zoom
Yes (Easy Zoom)

IR illuminators
Yes (Wave Length: 850nm [Typical], IR LED: 21pcs)

IR working distance
59 feet (18 m) (50 IRE)

Camera Features
Day/Night*1
Yes (True D/N)

Noise reduction
Yes

Image
Codec image size (H x V)
1920 x 1440, 1600 x 1200, 1680 x 1056, 1920 x 1080, 1440 x 912, 1376 x 768, 1280 x 960, 1280 x 800, 1280 x 720, 1208 x 1024, 1024 x 768, 1024 x 576, 800 x 480, 768 x 576, 720 x 576, 720 x 480, 640 x 480, 480 x 360, 720 x 240, 320 x 240, 192 x 240, JPEG (1920 x 1440)

Video compression format
H.264, MPEG-4, JPEG

Codec streaming capability
Dual streaming

Maximum frame rate
H264: 20fps (1920 x 1440) / 30fps (1920 x 1080)
MPEG-4: 15fps (1920 x 1440) / 20 fps (1920 x 1080)
JPEG: 10fps (1920 x 1440) / 15fps (1920 x 1080)

Scene Analytics
Intelligent motion detection
Yes

Network
Protocols
IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client only), SMTP, DHCP, DNS, NTP, RTP/RTCP, SNMP, ONVIF (MB-2)

ONVIF software
Yes

Number of clients
5

Authentication
IEEE802.1X

Analog Monitor Output
Signal system
NTSC

Interface
Ethernet 10BASE-T / 100BASE-TX (RJ-45)
Analog monitor output
Phono jack x 1 (1.0 Vp-p, 75 ohms, unbalanced, sync negative)
Sensor input x 1, make contact, break contact
Alarm output x 1, 24V AC/DC, 1A (mechanical relay outputs electrically isolated from the camera)

General
Weight
3 lb 14 oz (1.75 kg)
Dimensions
ø 3 3/4 x 7 3/8 inches (93 x 186 mm)
ø 5 3/8 x 13 1/4 inches (140 x 334.8mm) (including arm)
Power requirements
PoE (802.3af)
Power consumption
12.9 W max.
Starting temperature
-4°F to +122°F (-20°C to +50°C)
Working temperature
-22°F to +122°F (-30°C to +50°C)
Storage temperature
-4°F to +140°F (-20°C to +60°C)
Ingress protection
IP66
Safety regulation
UL2044, FCC 15B Class A, IC Class A, ES60095-1, EN55022(A)+EN55024+EN50130-4, VCCI Class A, C-Tick Class A

System Requirements
Operating system
Microsoft Windows XP™, Windows Vista™ (32bit), Windows® 7 (32bit)
Processor
Intel Core2 Duo 2.4Hz or higher
Memory
1 GB or more
Web browser
Microsoft Internet Explorer® Ver. 6.0, Ver. 7.0, Ver. 8.0, Ver. 9.0 Firefox® Ver. 3.5 (Plug-in free viewer only)
Safari® Ver. 4.0 (Plug-in free viewer only)
Google™ Chrome Ver.4.0 (Plug-in free viewer only)

Supplied Accessories

*1 Removable IR Cut Filter
*2 With a built-in heater

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