



## SNCEB632R

Network 1080p/30fps  
Full HD Outdoor IR  
Bullet Camera  
Powered by IPELA  
ENGINE EX™ (Wide  
D, High Sensitivity,  
True Day/Night, ABF,  
PoE, IP66)

**\$1,307.00**

U.S.List Price

### Overview

Network 1080p/30fps Full HD Outdoor IR Bullet Camera Powered by IPELA ENGINE EX™, Maximum resolution of 1920 x 1080 pixels with the Exmor™ CMOS sensor. Dynamic range equivalent to 90 dB achieved with View-DR technology. Minimum illumination of 0 lx in B/W mode (IR illuminator: ON) and 0.1 lx in Color mode at 50 IRE.

### Highlights

- \* Maximum resolution of 1920 x 1080 pixels with the Exmor™ CMOS sensor
- \* Extremely Wide Dynamic Range to 90dB achieved with View-DR technology
- \* New video analytics functions including face detection and object removal/left behind
- \* H.264 (High/Main/Baseline Profile)/JPEG video codecs
- \* Minimum illumination of 0.1 lx in Color and 0 lx in B/W (IR Illuminator On)  
(50 IRE @ 1/30 sec)
- \* IPELA ENGINE EX signal processing system developed based on Sony's unique signal processing and video analytics technologies to provide unique features such as View-DR, XDNR™, and DEPA™ Advanced technologies
- \* View-DR – Sony's innovative wide dynamic range technology – to capture objects clearly and adaptively even under very harsh, severe backlight or highlight conditions
- \* Visibility Enhancer (VE) 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
- \* DEPA Advanced Intelligent Video Analytics to trigger an alarm based on user-defined rules
- \* XDNR (eXcellent Dynamic Noise Reduction) technology for clear images with virtually no motion blur under low illumination
- \* True D/N (Day/Night) function to switch to Day or Night mode depending on the light level
- \* Built-in HTML viewer compatible with most Smartphones
- \* Easy Focus - allows installer/user to focus the camera remotely using a PC or locally
- \* Powered by PoE (IEEE 802.3af-compliant)
- \* ONVIF™ (Open Network Video Interface Forum) Profile S conformance software that ensures greater interoperability and more flexibility in building multiple-vendor systems
- \* VBR (variable bitrate) or CBR (constant bitrate) encoding format selectable to correspond with various network conditions
- \* Easy initial network settings with supplied SNC Easy IP Setup Guide application
- \* Image Stabilizer to help minimize the effect of camera shake or vibration for less blurry images
- \* Easy Zoom - allows viewing angle changes remotely

Specifications	
Camera Specifications	Detail
IP/Analog	IP
Camera Type	HD
Type	Outdoor Bullet
Camera	SNCEB632R
Image Device	1/2.9-type progressive scan Exmor CMOS sensor
Effective Pixels	Approx. 2.14 Megapixels
Minimum Illumination	Color: 0.1 lx, B/W: 0 lx (F1.2, View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 fps)
Lens Type	Built-in vari-focal lens
Focal Length	f = 3.0 mm to 9.0 mm
F-Number	F1.2 (Wide) to F2.1 (Tele)
Compression Format	H.264 (High/Main/Baseline Profile), JPEG
Day Night	Yes (True D/N)
Wide-D	Yes
Zoom Ratio	Optical zoom 3x Digital zoom 4x Total zoom 12x
Minimum Object Distance	300 mm
White Balance Mode	ATW, ATW-PRO, Fluor., Merc., Sodium vapor, Metal halide lamp, White LED, One push WB, Manual
Horizontal Viewing Angle	105.3° to 35.6°
Exposure Control	Exposure compensation, AGC, Shutter speed, Iris
Gain	Auto
Image Specifications	Detail
Image Size	1920 x 1080, 1280 x 720, 1024 x 576, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 640 x 360, 352 x 288, 320 x 184 (H.264, JPEG)
Compression Format	H.264 (High/Main/Baseline Profile), JPEG
Frame Rate	30 fps
Analog Video Output Specifications	Detail
Signal System	NTSC / PAL (selectable)
S/N Ratio	More than 50 dB (Gain 0 dB)
Interface Specifications	Detail
Network	10BASE-T / 100BASE-TX (RJ-45)
General Specifications	Detail
Weight	Approx. 1450 g
Dimensions (W x H x D)	93 mm x 93 mm x 160.9 mm
Power Requirements	PoE system (IEEE 802.3af compliant Class 2)
Power Consumption	12.95 W max.
Operating Temperature	-22 °F to +122 °F

Storage Temperature	-20 °C to +60 °C
Storage Humidity	20% to 95%
Compression	H.264 or JPEG
FPS	variable up to 30
Resolution	2.1 megapixel/1080p
Watts	12.95 W max.

Network Specifications	Detail
Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, DNS, NTP, RTP/RTCP, RTSPoverTCP, RTSPoverHTTP, SMTP, IPv6, HTTPS, SNMP (v1,2c,3), SSL
Number of Clients	20
Authentication	IEEE 802.1X

System Requirements Specifications	Detail
Operating System	Windows XP (32 bit) Pro. Ed., Vista (32 bit) Ultimate Bus. Ed., Windows 7 (32/64 bit) Ultimate, Pro. Ed.,Windows 8 Pro (32/64 bit)
Processor	Intel Corei7 2.8 GHz or higher
Memory	2 GB or more
Web Browser	Microsoft IE Ver. 7.0,8.0,9.0, 10.0, 11.0, Firefox 19.02, Safari 5.1,Google Chrome 25.0

Accessories		
Optional Accessories		
Model:	Description:	U.S.List Price
UNIBBB1	Aluminum back box with pole mount adaptor for the SNC-CH180, CH160, CH280, CH260, EB602R, EB632R, VB632D	\$88.00

Resources		
A&E Spec Documents		
Description:	Release Date	Type/Size
SNC-EB632R A&E Spec Document	07/07/2014	pdf / 321K
SNC-EB632R A&E Spec Document	07/07/2014	doc / 622K

Installation Guide		
Description:	Release Date	Type/Size
SNC-EB602R-632R installation manual	07/08/2014	pdf / 1,102K

Specification Sheet		
Description:	Release Date	Type/Size
SNCEB632R Data Sheet		pdf / 355K