



SNCXM631

Network 1080p/30fps
Full HD Indoor
Compact Mini Dome
Camera - X Series -
Powered by IPELA
ENGINE EX™ (Wide
D, High Sensitivity, SD
Card, PoE, RJ45
Connector)

\$498.00

U.S.List Price

UPC: 027242284074

Overview

Full HD IP minidome camera, Exmor CMOS sensor, SD card slot (up to 64GB), View-DR (90dB wide dynamic range), 113° horizontal viewing angle, XDNR, image stabilizer, RJ45 connector, IK10, PoE.

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
- * Minimum illumination of 0.3 lx in Color and 0.3 lx in B/W (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 a high frame rate, 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
- * SD memory card slot for an on-board recording capability
- * XDNR (eXcellent Dynamic Noise Reduction) technology for clear images with virtually no motion blur under low illumination
- * Electrical D/N (Day/Night) function to switch to Day or Night mode depending on the light level
- * Powered by either PoE (IEEE 802.3af-compliant)
- * VBR (variable bitrate) or CBR (constant bitrate) encoding format selectable to correspond with various network conditions
- * Image Stabilizer to help minimize the effect of camera shake or vibration for less blurry images
- * IK10-rated vandal resistant
- * Wide Horizontal Viewing Angle of 113 degree

Specifications	
Camera Specifications	Detail
IP/Analog	IP
Camera Type	1080p Small Minidome Dome Camera
Type	1080p Small Minidome Dome Camera
Camera	SNCXM631
Image Device	1/2.9 type progressive scan Exmor CMOS
Effective Pixels	Yes (e D/N)
Minimum Illumination	Color: 0.3 lx, B/W: 0.3 lx (50 IRE @ 1/30 sec)
Lens Type	Fixed lens
Focal Length	f = 2.8 mm
F-Number	F2.0
Compression Format	H.264 (High/Main/Baseline Profile), JPEG
Day Night	Yes (e D/N)
Wide-D	Yes
Zoom Ratio	Digital zoom 4x
White Balance Mode	ATW, ATW-PRO, Fluor., Merc., Sodium vapor, Metal halide lamp, White LED, One push WB, Manual
Horizontal Viewing Angle	113°
Exposure Control	Exposure compensation, AGC, Shutter speed
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, 352 x 288, 320 x 184
Compression Format	H.264 (High/Main/Baseline Profile), JPEG
Frame Rate	variable up to 30
Analog Video Output Specifications	Detail
S/N Ratio	More than 50 dB (Gain 0 dB)
Interface Specifications	Detail
Network	10BASE-T / 100BASE-TX (RJ-45)
General Specifications	Detail
Dimensions (W x H x D)	104.5 mm x 56.5 mm
Power Requirements	IEEE802.3af compliant (PoE system)
Power Consumption	TBD
Operating Temperature	-22 °F to +140 °F (-10°C to +50°C)
Storage Temperature	-23 °F to +140 °F (-30 °C to +60 °C)
Storage Humidity	20% to 80%
Compression	H.264 or JPEG
FPS	variable up to 30
Resolution	2.1 megapixel/1080p
Watts	4.0W max

Network Specifications	Detail
Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, DNS, NTP, RTP/RTCP, RTSP over TCP, RTSP over HTTP, IPv6, HTTPS, SNMP (v1,2c,3), FTP(Client only), 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
SNCAL060MF	6.0mm focal length lens for XM cameras.	\$49.00
UNIWMBB1	Aluminum wall/pole mount back box	\$97.00
UNIWMB4	1" Gooseneck Wall Mount Bracket for UNI-MDPX, UNI-MDPDH120, UNI-MDPDH180, UNI-MDPHM.	\$80.00
UNICMA1	Corner Mount Adaptor to Allow Mounting Cameras in Outside Corners of a Building	\$125.00
UNIMDPX	Pendant mount adaptor for SNC-DH110/DH110T/DH210/DH210T/XM631	\$90.00
SNCAL120MF	12.0mm focal length lens for XM cameras.	\$49.00
UNIPMA1	Pole Mount Adaptor to Allow Mounting Camera Housings to Poles	\$83.00
SNCAL038MF	3.8mm focal length lens for XM cameras.	\$49.00

Resources		
Specification Sheet		
Description:	Release Date	Type/Size
SNC-XM631 Spec Sheet		pdf / 348K
A&E Spec Documents		
Description:	Release Date	Type/Size
SNC-XM631 A&E Spec Document	10/07/2014	pdf / 589K
SNC-XM631 A&E Spec Document	10/07/2014	doc / 716K