SNCVM631

Network Mini Dome
Full HD Camera - V
Series

$2,026.00

U.S.List Price

UPC: 027242277649

Overview

Vandal-resistant Mini Dome 1080p/60 fps Camera Powered by IPELA ENGINE EX Technology

Highlights

* 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
* High frame rate of 60 fps to provide smoother and less blurry moving pictures
* 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
* IK10-rated vandal-resistant feature to protect the camera from destructive behaviors
* SD memory card slot for an on-board recording capability
* XDNR (eXcellent Dynamic Noise Reduction) technology for clear images with virtaully 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
* Easy Zoom - allows installer/user to change field of view locally or remotely using a PC
* Powered by either PoE (IEEE 802.3af-compliant), AC 24 V ±20%, or DC 12 V ±10% for easy installation
* 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

Specifications

Camera Specifications	Detail
IP/Analog	IP
Camera Type	Mini Dome
Effective Pixels	Approx. 2.14 Megapixels
Minimum Illumination	Color: 0.1 lx (F1.2, View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 fps) B/W: 0.07 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), F2.1 (Tele)
Compression Format	H.264 (High/Main/Baseline Profile), JPEG
Day Night	Yes
Wide-D	Yes
Zoom Ratio	Optical zoom 3x, Digital zoom 2x
Minimum Object Distance	300 mm
White Balance Mode	ATW, ATW-PRO, Fluorescent lamp, Mercury lamp, Sodium vapor lamp, Metal halide lamp, White LED, One push WB, Manual
Horizontal Viewing Angle	105.2 °to 35.4°
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	H.264: 60 fps (1920 x 1080) JPEG: 60 fps (1280 x 720)
Interface Specifications	**Detail**
Network	10BASE-T/100BASE-TX (RJ-45)
External Microphone Input	Mini jack (monaural)
Analog Video Output	BNC x1, 1.0 Vp-p, 75 , unbalance, sync negative
General Specifications	**Detail**
Weight	Approx. 1 lb 12 oz (800 g)
Dimensions (W x H x D)	ø5 7/8 inches x 4 3/8 inches (ø148 x 108 mm)
Power Requirements	PoE system (IEEE 802.3af compliant), DC 12 V ± 10%, AC 24 V ± 20%
Power Consumption	6.0 W max.
Operating Temperature	14°F to 122°F (-10°C to +50°C)
Storage Temperature	-4°F to +140°F (-20°C to +60°C)
Storage Humidity	20% to 95%
Compression	H.264 or JPEG
FPS	variable up to 60
Network Specifications	**Detail**
Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SMTP, IPv6 *3, HTTPS, SNMP (MIB-2)
Number of Clients	20
Authentication	IEEE 802.1X

Resources

Specification Sheet

Description:	Release Date	Type/Size
IPELA ENGINE EX Series Line Card	04/19/2013	PDF / 3,435K
SNC-VM631 datasheet	04/22/2013	pdf / 534K