



SNCVB630

Network 1080p/60 fps
Full HD Camera - V
Series - Powered by
IPELA ENGINE
Technology

\$1,958.00

U.S.List Price

UPC: 027242277601

Overview

"SNC-VB series is the latest addition to Sony's complete lineup of HD network cameras. This tripe-stream capable network HD cameras, supporting H.264 and JPEG compression formats, delivers excellent picture quality in 1080p HD resolution at up to 60 fps.

The SNC-VB630 incorporates Sony's state of the art Exmor™ CMOS image sensor. It is specially designed for security applications and includes the latest image enhancement technologies such as View-DR. View-DR incorporates the latest in Wide-D technology along with Visibility Enhancer, and XDNR, allowing these cameras to provide excellent HD images, even under the most challenging backlit conditions.

The SNC-VB630 is the ideal choice for even the most demanding surveillance monitoring applications."

Highlights

- * Maximum resolution of 1920 x 1080 pixels with the Exmor™ CMOS sensor
- * High frame rate of 60 frames per second (fps)
- * Dynamic range equivalent to 90 dB achieved with View-DR technology
- * H.264 (High/Main/Baseline Profiles) / JPEG video codecs and AAC (16 kHz/48kHz)/G.726/G.711 audio codecs
- * Scene analytics enhanced by unique features such as face detection
- * Minimum illumination of 0.1 lx in color mode and 0.07 lx in B/W mode at 50 IRE and 30 fps
- * ONVIF (Open Network Video Interface Forum) Profile S conformance
- * SD card slot for an on-board recording capability
- * VBR (variable bitrate) or CBR (constant bitrate) encoding format selectable to correspond with various network conditions

Specifications

Camera Specifications	Detail
IP/Analog	IP
Camera Type	1080p/60fps HD Fixed Camera
Type	1080p/60fps HD Fixed Camera
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: 0.07 lx (F1.2, shutter 1/30 s, AGC on, 30 fps, 50 IRE)
Lens Mount	CS mount
Lens Type	Varifocal lens

Focal Length	f=2.8mm to 8.0mm
F-Number	F1.2 (Wide) to F1.95 (Tele)
Compression Format	JPEG / H.264
Day Night	Yes, true Day/Night
Wide-D	Yes
Zoom Ratio	Optical 2.9x, 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	114.2° to 40.0°
Exposure Control	Exposure compensation, AGC, Shutter speed, Iris
Gain	Auto (Max. limit value selectable)
Image Specifications	Detail
Image Size	(H x V) 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 or JPEG
Frame Rate	H.264: 60 fps (1280x1024) JPEG: 60 fps (1280x1024)
Analog Video Output Specifications	Detail
Signal System	NTSC / PAL (selectable)
Interface Specifications	Detail
Interface	Card Slot: SD card x1
Network	10BASE-T/100BASE-TX (RJ-45)
I/O Port	Sensor input: x2, make contact, break contact Alarm output: x2, 24V AC/DC, 1 A (mechanical relay outputs electrically isolated from the camera)
External Microphone Input	Mini jack (monaural)
Analog Video Output	BNC x1, 1.0 Vp-p, 75 ohms, unbalanced, sync, negative
Audio Line Output	Mini jack (monaural), Maximum output level: 1 Vrms
General Specifications	Detail
Weight	Approx. 1 lb 4 oz (565 g) with lens
Dimensions (W x H x D)	2 7/8 inches x 2 1/2 inches x 5 3/4 inches (72 mm x 63 mm x 145 mm) not including the projecting parts 2 7/8 inches x 2 1/2 inches x 7 7/8 inches (72 mm x 63 mm x 197 mm) with lens not including the projecting parts
Power Requirements	PoE system (IEEE 802.3af compliant), DC 12V, AC 24V
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
Watts	6.0 W max.
Network Specifications	Detail
Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP (MIB-2)
System Requirements Specifications	Detail
Operating System	Microsoft Windows XP® (32 bit) Professional, Windows Vista® (32 bit) Ultimate, Business Edition, Windows 7® (32 bit/64 bit) Ultimate, Professional Edition
Processor	Intel Core i7 2.8 GHz or higher

Memory	2 GB or more
Web Browser	MS IE Ver. 7.0 - 9.0 or Firefox® 3.5; Safari® 4.0; Google® Chrome 4.0 (plug-in free viewer only)

Resources

Installation Guide

Description:	Release Date	Type/Size
SNC-VB series installation manual		pdf / 373K

User Manual

Description:	Release Date	Type/Size
SNC-VB and SNC-VM series user guide		2(GB).pdf / 1,189K

Specification Sheet

Description:	Release Date	Type/Size
IPELA ENGINE EX Series Line Card	04/19/2013	PDF / 3,435K
SNC-VB630 Datasheet	04/22/2013	pdf / 555K