SONY

SNC-VM772R

Network Mini Dome 4K Camera

4K Outdoor IR (IP66) Ruggedized Camera with Large-sized Exmor R™ CMOS Sensor

Product Highlights

- EXMOR R back illuminated sensor for great sensitivity of 0.1 lux in color
- 4K H.264 with region of interest coding for bandwidth and storage efficiencies
- 20MP Evidence shot for greater detail
- 2.9X optical zoom lens from 70.7 degrees to 27.5 degrees
- Optical image stabilization for full resolution capture
- View-DR® for wide dynamic range of 90dB

NEW FEATURES

- 4K (3,840 x 2,160) resolution at a minimum illumination of 0.1 lx thanks to the Exmor R, 20 megapixel (5,472 x 3,648) large-sized 1.0-type back-illuminated CMOS sensor, high-speed image processing engine, and 2.9x motorized high-quality zoom lens

- Intelligent scene capture to automatically select the best picture settings that are predefined based on lighting conditions and typical scenes such as backlight, spotlight, night scene, and low light, etc.

- Preset and custom scene profiles allow picture parameter changes by schedule or event

- Intelligent cropping (Region of Interest) to simultaneously observe up to four specific areas of interest in any captured images with a 4K-native resolution, while overviewing the entire image at Full HD resolution

- Capable of dynamically tracking up to 4 objects detected using advanced motion detection

- Intelligent coding to keep up to 8 specific areas of interest in the scene clear and crisp with less compression

- Built-in SD card slot and Evidence shot for high-quality still-image recording at 20 megapixel (5,472 x 3,648) resolution

- Optical image stabilizer to help reduce image blur, maintains full resolution image capture

- Smartphone app to wirelessly adjust the camera's field view from a smartphone or tablet PC with an optional IFU-WLM3 USB Wireless LAN Module

- HDMI interface

OTHER KEY FEATURES

- Adaptive IR
- IK10-rated impact-resistant feature
- IP66-rated water-resistant feature
- SD card slot for edge storage. Supports SD card notification function with specific Sony SD card models to send alerts when SD card is failing or defective
- View-DR® – 90 dB wide dynamic range
- True D/N (Day/Night)
- Supports VBR (variable bit rate) with cap or CBR selectable
- Powered by either PoE/PoE+ system, AC 24 V ±20% or DC 12 V ±10%
- DEPA™ Advanced intelligent video analytics
- Defog image processing
- Highlight compensation
- ONVIF™ (Open Network Video Interface Forum) Profile S

IPELA   Exmor R CMOS Sensor   View-DR   DEPA Advanced   Onvif S

SPECIFICATIONS*

	SNC-VM772R
Camera	
Image Sensor	1.0-type progressive scan Exmor R CMOS sensor
Number of Effective Pixels	Approx. 20 Megapixels
Minimum Illumination	Color: 0.1 lx, B/W: 0 lux, with IR[1]
Dynamic Range	Equivalent to 90 dB with View-DR technology
Lens	Built-in motorized zoom lens
Zoom Ratio	Optical zoom 2.9x
Horizontal Viewing Angle	70.7° to 27.5°
Vertical Viewing Angle	39.9° to 15.7°
Focal Length	f = 8.8 mm to 25.7 mm
F-Number	F1.8 (Wide) to F2.8 (Tele)
IR Illuminator	Yes
IR Working Distance	Approx. 100 feet (30 m)
Camera Features	
Day/Night	True D/N
Tone Correction	Visibility Enhancer (VE)
Defog Image Processing	Yes
Highlight Compensation	Yes
Noise Reduction	Yes
Image Stabilizer	Optical
Edge Storage	Yes
Vandal Resistant	IK10
Ingress Protection	IP66
Smartphone viewer	Yes
Video	
Resolution	5472 x 3648, 3840 x 2160, 2880 x 2160, 1920 x 1080, 1440 x 1080, 1440 x 960, 1280 x 720, 960 x 720, 720 x 480, 640 x 480, 640 x 360, 320 x 240, 320 x 180
Compression Format	H.264 (High/Main Profile), JPEG
Maximum Frame Rate	H.264: 30 fps (3840 x 2160)
	JPEG: 2.5 fps (5472 x 3648)
Bitrate Compression Mode	CBR/VBR with Cap (selectable)
Multi Streaming Capability	5 streams
Intelligent Video/Audio Analytics	
Analytics Architecture	DEPA Advanced
Intelligent Motion Detection	Yes
Face Detection	Yes
Tamper Alarm	Yes
Scene Analytics	Entering, Passing, Loitering, Exiting, Counting, Object Removed, Object Left Behind
Audio	
Compression Format	G.711/G.726/AAC-LC (16 kHz, 48 kHz)
Network	
Protocols	IPv4, TCP, UDP, ICMP
	HTTP, RTP/RTCP, RTSP over TCP
	IPv6, HTTPS, FTP (client only), TLS (v1.0)
ONVIF Conformance	Profile S
Digital Video Output	HDMI x1
Microphone Input	Mini jack
Line Input	Mini jack
Network Port	10BASE-T/100BASE-TX (RJ-45)
Alarm Input (Sensor Input)	x2
Alarm Output	x2
Wireless LAN Terminal	x1
Card Slots	SD Card x1
Confirmed SD Card Type	SDHC/SDXC (max. 128 GB)
General	
Power Requirements	12 V DC ± 10%
	24 V AC ± 20%, 50 Hz/60 Hz
	IEEE802.3at compliant (PoE/PoE+ system)
Operating Temperature	-40°F to +122°F (-40°C to +50°C)
Dimensions (W x H x D)	ø 7 1/2 inches x 5 7/8 inches (ø 190 mm x 147 mm)
Weight	Approx. 4 lb 7 oz (2 kg)

*Specifications are tentative and subject to change without notice.
[1]IR light is invisible to human eye.

S-IP2210 (MK11193V1)   Printed in USA (4/15)