Outdoor IR Ruggedized 720p/60fps Camera Powered by IPELA ENGINE™ EX Technology

- Maximum resolution of 1280 x 1024 pixels with the Exmor® CMOS sensor
- Extremely Wide Dynamic Range to 130dB achieved with View-DR® technology
- Minimum illumination of 0 lx in B/W (IR illuminator: ON) and 0.05 lx in Color (50 IRE @1/30 sec)
- High frame rate of 60 frames per second (fps)
- Picture mode to help optimize picture quality in various applications
- H.264 (High/Main/Baseline Profile)/JPEG video codecs
- Operating temperature ranging from -40°F to +140°F (-40°C to +60°C)
- IK10-rated vandal-resistant and IP66-rated water-resistant/dust-tight features
- Image Stabilizer to help minimize the effect of camera shake or vibration to achieve less blurry images



KEY FEATURES

- IPELA ENGINE™ EX signal processing system developed based on Sony's unique signal processing and intelligent video analytics technologies to provide unique features such as a high frame rate, View-DR®, XDNR®, and DEPA™ Advanced technologies
- Built-in IR (infrared) illuminators to assist capturing objects in the dark even under 0 lx, up to 98 feet (30 m) (50 IRE) away
- View-DR Sony's innovative wide dynamic range technology to capture objects clearly and adaptively even under very harsh, severe backlight or highlight conditions





OFF



Actual Images

- Advanced IR technology to provide high-quality IR images without overexposure by using View-DR technology
- 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



- High frame rate of 60 fps to provide smoother and less blurry moving pictures
- IK10-rated vandal-resistant feature to help protect the camera from destructive behaviors
- IP66-rated water-resistant and dust-tight feature for outdoor surveillance and indoor where water ingress may pose an issue
- Picture mode selectable from a range of camera scenes in the setting menu to optimize picture quality in various applications
- True D/N (Day/Night) function to switch to Day or Night mode depending on the light level
- VBR (variable bitrate) or CBR (constant bitrate) compression mode selectable to correspond with various network conditions
- Edge Storage function to record video and audio data with a micro SD/SDHC card attached to the camera
- Image Stabilizer to help minimize the effect of camera shake or vibration to achieve less blurry images
- 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
- Easy initial network settings with supplied SNC Easy IP Setup Guide application
- * Powered by either IEEE 802.3af/IEEE 802.3at-compliant (PoE/PoE+), AC 24 V $\pm 20\%$, or DC 12 V $\pm 10\%$ for easy installation
- · Built-in HTML viewer compatible with most Smartphones
- ONVIFTM (Open Network Video Interface Forum) Profile S conformance software that ensures greater interoperability and more flexibility in building multiple-vendor systems





SPECIFICATIONS

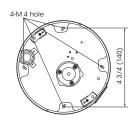
Camera	
	SNC-VM602R
Image Sensor	1/3-type progressive scan Exmor CMOS
Number of Effective Pixels	Approx. 1.37 Megapixels
	NTSC
Signal System	
Sync System	Internal synchronization
Minimum Illumination (50 IRE)	Color: 0.05 lx (F1.2, View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 fps)
	B/W: 0 lx (IR illuminator ON)
Minimum Illumination (30 IRE)	Color: 0.03 lx (F1.2, View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 fps)
	B/W: 0 lx (IR illuminator ON)
Dynamic Range	Equivalent to 130 dB with View-DR technology
S/N Ratio	More than 50 dB (Gain 0 dB)
Gain	Auto
Shutter Speed	1/1 s to 1/10,000 s
Exposure Control	Exposure compensation, AGC, Shutter speed, Iris
White Balance	ATW, ATW-PRO, Fluorescent lamp, Mercury lamp, Sodium vapour
	lamp, Metal halide lamp, White LED, One push WB, Manual
Lens	Built-in varifocal lens
Easy Zoom	Yes
Zoom Ratio	Optical zoom 3x
LOOM NONE	Digital zoom 4x
	Total zoom 12x
/ 0	
Easy Focus for Setup	Yes
Horizontal Viewing Angle	93.0° to 31.6°
Vertical Viewing Angle	50.6° to 17.8°
Viewing Tilt Angle	121.5°
Focal Length	f = 3.0 mm to 9.0 mm
F-Number	
	F1.2 (Wide) to F2.1 (Tele)
Minimum Object Distance	300 mm
Pan/Tilt/Rotation Angle	Pan: ±192°
(Manual)	Tilt: -7° to +75°
	Rotation: ±99°
IR Illuminator	Yes (Wave length: 850 nm [typical], IR LED 20 pieces)
IR Working Distance	30 m (50 IRE)
Camera Features	
Day/Night	True D/N
e-Flip	Yes
Wide-D	View-DR
Tone Correction	Visibility Enhancer (VE)
Noise Reduction	XDNR
Image Stabilizer	Yes
Picture Mode	Yes
Privacy Masking (number)	20
Privacy Masking (shape)	Quadrangle formed by any four corner points
Privacy Masking (color/effect)	Opaque: 14 colors (Black, White, Red, Green, Blue, Cyan, Yellow,
rivacy iviasking (color/ellect)	
F	Magenta, Gray (6 scales)), Mosaic
Edge Storage	Yes
Vandal Resistant	IK10
Ingress Protection	IP66
Superimpose Number	3 independent positions for characters (Codec, Date & Time,
oupeninpose Number	Event, Text (max. 64 characters)), 1 independent position for log
	marks
0	
Superimpose Language	English
Menu Language	English, Japanese, Chinese (simplified), Chinese (traditional),
	French, Spanish, German, Italian, Korean, Portuguese, Russian,
	Arabic, Hindi, Vietnamese, Thai
Smartphone viewer	Yes
Video	100
Resolution	1000 1004 1000 040 1004 740 1000 700 000 400
	1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600,
resolution	
ivesolution.	720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240
	(H.264, JPEG)
Compression Format	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG
Compression Format	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024)
Compression Format Maximum Frame Rate	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024)
Compression Format Maximum Frame Rate Bitrate Compression Mode	(H.264, JPEG) H.264 (High/Moin/Baseline Profile), JPEG H.264: 60 lps (1280 x 1024) JPEG: 60 lps (1280 x 1024) CBR/VBR (selectable)
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Setting	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 KDps to 32 Mlpps
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Settling Solid PTZ	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Settling Solid PTZ	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 KDps to 32 Mlpps
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Settling Solid PTZ Adaptive Rate Control Bandwidth Control	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Settling Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability	(H.264, JPEG) H.264 (High/Moin/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Ktps to 32 Mlops Yes H.264 JPEG Triple streaming
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Settling Solid PTZ Adaptive Rate Control Bandwidth Control Muttl Streaming Capability Number of Clients Intelligent Video Analytics	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG Triple streaming 20
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Mutth Streaming Capability Number of Clients Intelligent Video Analytics Analytics Archiflecture	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Klaps to 32 Mibps Yes H.264 JPEG Triple streaming 20 DEPA Advanced
Compression Format Maximum Frame Rate Biltrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes
Compression Format Maximum Frame Rate Biltrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Klaps to 32 Mibps Yes H.264 JPEG Triple streaming 20 DEPA Advanced
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Settling Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Video Analytics Control Detection Face Detection	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes
Compression Format Maximum Frame Rate Biltrate Compression Mode Range of Biltrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Defection Face Defection Face Defection Face Defection Famper Alarm	(H.264, JPEG) H.264 (High/Main/Baselline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes Yes Yes
Compression Format Maximum Frame Rate Biltrate Compression Mode Range of Biltrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Defection Face Defection Face Defection Face Defection Famper Alarm	(H.264, JPEG) H.264 (High/Moin/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes Yes Yes Pessing, Intrusion, Leff Object Detection, Removed Object
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Face Detection Tamper Alarm Scene Analytics	(H.264, JPEG) H.264 (High/Main/Baselline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes Yes Yes
Compression Format Maximum Frame Rate Sitrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Archifecture Intelligent Motion Detection Face Detection Face Detection Face Param Scene Analytics Audio	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes Yes Passing, Intrusion, Left Object Detection, Removed Object Detection
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Settling Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Face Detection Tamper Alarm Scene Analytics Audio Compression Format	(H.264, JPEG) H.264 (High/Moin/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes Yes Yes Pessing, Intrusion, Leff Object Detection, Removed Object
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Settling Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Face Detection Tamper Alarm Scene Analytics Audio Compression Format	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes Yes Passing, Intrusion, Left Object Detection, Removed Object Detection G.7111/G.726/AAC (16 kHz, 48 kHz)
Compression Format Maximum Frame Rate Bittrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Face Detection Tamper Alarm Scene Analytics Audio Compression Format System Requirements	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes Yes Passing, Intrusion, Left Object Detection, Removed Object Detection G.7111/G.726/AAC (16 kHz, 48 kHz)
Compression Format Maximum Frame Rate Bittrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Face Detection Tamper Alarm Scene Analytics Audio Compression Format System Requirements	(H.264, JPEG) H.264 (High/Moin/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Ves H.264 JPEG Triple streaming 20 DEPA Advanced Ves Yes Passing, Intrusion, Left Object Detection, Removed Object Detection G.711/G.726/AAC (16 kHz, 48 kHz) Windows® XPIM (32 bif) Professional Edition
Compression Format Maximum Frame Rate Bittrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Face Detection Tamper Alarm Scene Analytics Audio Compression Format System Requirements	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264 (High/Main/Baseline Profile), JPEG H.264 (Of ps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 ktps to 32 Mibps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes Yes Yes Passing, Intrusion, Left Object Detection, Removed Object Detection G.711/G.726/AAC (16 kHz, 48 kHz) Windows® XPIM (32 bif) Professional Edition Windows® Vista™ (32 bif) Ultimate, Business Edition
Compression Format Maximum Frame Rate Bittrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Face Detection Tamper Alarm Scene Analytics Audio Compression Format System Requirements	(H.264, JPEG) H.264 (High/Moin/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Ves H.264 JPEG Triple streaming 20 DEPA Advanced Ves Yes Yes Yes Yes Yes Wes Yes Yes Yes Yes Yes Yes Yes Yes Yes Y
Compression Format Maximum Frame Rate Bittrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Face Detection Tamper Alarm Scene Analytics Audio Compression Format System Requirements	(H.264, JPEG) H.264 (High/Molin/Baseline Profile), JPEG H.264 (High/Molin/Baseline Profile), JPEG H.264 (50 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 kDps to 32 Mibps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes Yes Yes Yes OBEPA Advanced Yes
Compression Format Maximum Frame Rate Bittrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Face Detection Tamper Alarm Scene Analytics Audio Compression Format System Requirements Operating System	(H.264, JPEG) H.264 (High/Main/Baseline Profile), JPEG H.264 (High/Main/Baseline Profile), JPEG H.264 (Of ps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 ktps to 32 Mbps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes Yes Yes Passing, Intrusion, Left Object Detection, Removed Object Detection G.711/G.726/AAC (16 kHz, 48 kHz) Windows* XPPM (32 bit) Ultimate, Business Edition Windows* 7 (32/64 bit) Ultimate, Business Edition Windows* 8 Pro (32/64 bit) Wincrosoff* DirectX 9.0c or higher
Compression Format Maximum Frame Rate Bittrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Face Detection Tamper Alarm Scene Analytics Audio Compression Format System Requirements Operating System	(H.264, JPEG) H.264 (High/Molin/Baseline Profile), JPEG H.264 (High/Molin/Baseline Profile), JPEG H.264 (50 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 kDps to 32 Mibps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes Yes Yes Yes OBEPA Advanced Yes
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Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Muttl Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Face Detection Tamper Alarm Scene Analytics Audio Compression Format System Requirements Operating System Processor Memory	(H.264, JPEG) H.264 (High/Motin/Baseline Profile), JPEG H.264 (High/Motin/Baseline Profile), JPEG H.264 (50 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 ktps to 32 Mibps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes Yes Passing, Intrusion, Left Object Detection, Removed Object Detection G.711/G.726/AAC (16 kHz, 48 kHz) Windows® XP™ (32 bif) Professional Edition Windows® 7 (32/64 bif) Ultimate, Business Edition Windows® 7 (32/64 bif) Ultimate, Professional Edition Windows® 8 Pro (32/64 bif) Microsoft® DirectX 9.0c or higher Intel Corel7 2.8 GHz or higher 2 GB or more
Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Setting Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics Analytics Architecture Intelligent Motion Detection Face Detection Tamper Alarm Scene Analytics Audio Compression Format System Requirements Operating System Processor Memory	(H.264, JPEG) H.264 (High/Moin/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes
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Compression Format Maximum Frame Rate Bitrate Compression Mode Range of Bitrate Settling Solid PTZ Adaptive Rate Control Bandwidth Control Multi Streaming Capability Number of Clients Intelligent Video Analytics	(H.264, JPEG) H.264 (High/Moin/Baseline Profile), JPEG H.264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024) CBR/VBR (selectable) 64 Kbps to 32 Mbps Yes H.264 JPEG Triple streaming 20 DEPA Advanced Yes

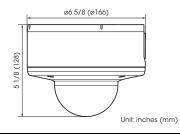
Network	SNC-VM602R
Network Protocols	IPv4. TCP. UDP. ARP. ICMP. IGMP*1, HTTP. DHCP. DNS. NTP. RTP/RTCP.
PIOIOCOIS	RTSP over TCP, SMTP over HTTP, IPv6, HTTPS, SNMP (v1, v2c, v3), SSL
QoS	DSCP
Multicast Streaming Support	Yes
ONVIF Conformance	Profile S
Authentication	IEEE 802.1X
Interface	
Analog Video Output	BNC x1
Analog Monitor Output for Setup	Phono jack x1
Line Input	Mini jack (monaural)
Line Output	Mini jack (monaural)
Network Port	10BASE-T/100BASE-TX (RJ-45)
Alarm Input (Sensor Input)	Yes (x2)
Alarm Output	Yes (x2)
Card Slots	SD Card x1
Confirmed SD Card Type	4/8/16/32GB SDHC (no support for SDXC)
General	
Power Requirements	12 V DC ± 10%
	24 V AC ± 20%, 50 Hz/60 Hz
Day you Consumption	IEEE802.3at compliant (PoE/PoE+ system)
Power Consumption	Max. 22 W (AC 24 V/DC 12 V, heater enabled)
	Max. 18 W (IEEE802.3at (PoE+), heater enabled)
Operating Temperature*2	Max. 12.8 W (IEEE802.3af/at (PoE/PoE+), heater disabled) -40°F to +140°F (-40°C to +60°C) (IR illuminator OFF, heater enabled)
Operating temperature -	-40°F to +122°F (-40°C to +50°C) (IR illuminator ON, heater enabled)
	14°F to 140°F (-10°C to +60°C) (IR illuminator OFF heater disabled)
	14°F to 122°F (-10°C to +50°C) (IR illuminator ON, heater disabled)
Cold Start Temperature	-22° (-30°C) (heater enabled)
Cold start terripetatule	+32°F (0°C) (heater disabled)
Storage Temperature	-4°F to +140°F (-20°C to +60°C)
Operating Humidity	20% to 90% (no condensation)
Storage Humidity	20% to 95% (no condensation)
Built-in Heater	Yes
Dimensions (W x H x D)	ø6 5/8 inches x 5 1/8 inches (ø166 mm x 128 mm)
Weight	3 lb 13 oz (1730 g)
External Material	Upper case: AL Diecast
	Lower case: AL Diecast
	Dome cover: PC
	Cap:PC
External Color	White
Fire Retardant	UL2044
Safety Regulations	JATE Technical Standard (LAN)
	UL2044, IEC60950-1 (CB)
	VCCI (Class A), FCC (Class A), IC (Class A)
	Emission: EN55022 (Class A) + EN50130-4
	Immunity: EN55022 (Class A) + EN55024
	Emission: AS/NZS CISPR22 (Class A)
	KCC
Constitution of Assessment	EMC-TR
Supplied Accessories	CD-ROM (supplied programs) (1)
	Bracket (1)
	Template (1)
	Wire rope (1) Wrench (1)
	Camera unit mounting screws (4)
	Screw M4 x 8 (2)
	Installation Manual (1 set)
	Safety Regulations (1 set)
	Cable holder (for conduit) (1)
	LAN cable holder (1)
Optional Accessories	YT-ICB45 (In-ceiling Bracket)
	SNCA-WP602 (Weather Protector)

- *1: SSM (Source Specific Multimedia) is supported.
- *2: If the camera is installed in high-temperature environments and subjected to direct sunlight, it is highly recommended to use the optional SNCA-WP602 Weather Protector.

Optional Mounts and Accessories		
Model		
UNI-MDB3	GOOSENECK WALL MOUNT (includes Pendant Cap)	
UNI-MDB4	GOOSENECK WALL MOUNT (without pendant cap)	
UNI-WMBB1	CONDUIT BOX	
UNI-CMA1	CORNER ADAPTER	
UNI-PMA1	POLE ADAPTER	
UNI-MDPDH180	PENDANT CAP	
YT-ICB140/YT-ICB600	RECESSED BRACKET-FLUSH MOUNT	

DIMENSIONS





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Weights and measurements are approximate.
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