

# Mini Dome 720p/60fps Camera Powered by IPELA ENGINE EX™ Technology

- Maximum resolution of 1280 x 1024 pixels with the Exmor™ CMOS sensor
- High Frame rate of 60 fps and three simultaneous streams
- Extremely Wide Dynamic Range to 130dB achieved with View-DR technology
- New video analytics functions including face detection and object removal/left behind
- H.264 (High/Main/Baseline Profile)/JPEG video codecs and AAC (16 kHz/48 kHz)/G.726/G.711 audio codecs
- Minimum illumination of 0.05 lx in Color and 0.04 lx in B/W (50 IRE @ 1/30 sec)



#### **KEY FEATURES**

- 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





OFF



Actual Images

DEPA

- 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<sup>1</sup>

 XDNR (eXcellent Dynamic Noise Reduction) technology for clear images with virtually no motion blur under low illumination



Actual Images

- 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
- $^{\circ}$  Powered by either PoE (IEEE 802.3af-compliant), AC 24 V  $\pm 20\%$  , or DC 12 V  $\pm 10\%$  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

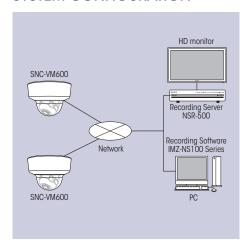


- VBR (variable bitrate) or CBR (constant bitrate) encoding format selectable to correspond with various network conditions
- Easy initial network settings with supplied SNC Easy IP Setup Guide application
- Image Stabilizer to help minimize the effect of camera shake or vibration for less blurry images
- Data recorded on an SD memory card (sold separately) may be lost or damaged by data access during power-off, mechanical shock, memory card detachment, or other operations. Data loss or damage can also occur when a memory card reaches end of life, which varies according to operational conditions. No guarantee is given against damage (including passive damage). The on-board recording function, the intelligent motion detection function and the tamper alarm function cannot be used simultaneously.

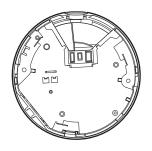
### **SPECIFICATIONS**

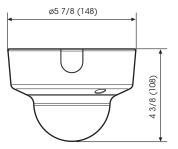
	SNC-VM600
Camera	
Image Sensor	1/3-type progressive scan Exmor CMOS
Image Sensor (Number of Effective Pixels)	Approx. 1.37 Megapixels
Signal System Minimum Illumination (50 IRE)	NTSC color system Color: 0.05 lx (F1.2, View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 fps)
Minimum Illumination (30 IRE)	BWK: 0.0 & k; (F.1. 2, View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 fps)  Color: 0.03 k; (F.1. 2, View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 fps)  BWK: 0.02 k; (F.1. 2, View-DR OFF, VE OFF, AGC ON, 1/30 s, 30 fps)
Dynamic Range	Equivalent to 130 dB with View-DR technology
S/N Ratio Gain	More than 50 dB (Gain 0 dB) Auto
Shutter Speed	1/1 s to 1/10000 s
Sync System	Internal synchronization
Exposure Control	Exposure compensation, AGC, Shutter speed, Iris
White Balance	ATW, ATW-PRO, Fluorescent lamp, Mercury lamp, Sodium vapor lamp, Metal halide lamp, White LED, One push WB, Manual
Lens	Built-in vari-focal lens
Powered Zoom Zoom Ratio	Yes (Easy Zoom) Optical zoom 3x, Digital zoom 2x
Powered Focus	Yes (Easy Focus)
Horizontal Viewing Angle	93.0° to 31.6°
Vertical Viewing Angle	50.6° to 17.8°
Focal Length	f = 3.0 mm to 9.0 mm
F-Number	F1.2 (Wide), F2.1 (Tele)
Minimum Object Distance	300 mm
Horizontal Resolution Preset Position	600 TV lines (analog video) *2 8
Tour	5
Camera Features	
Day/Night	Yes
Wide-D	Yes (View-DR)
Image Enhancement	Visibility Enhancer (VE)
Noise Reduction Image Stabilizer	XDNR technology Yes *4
Image	
Codec Image Size (H x V)	1280 x 1024, 1280 x 960, 1024 x 768, 1280 x 720, 800 x 600, 720 x 576, 720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (H.264, JPEG)
Video Compression Format	H.264 (High/Main/Baseline Profile), JPEG
Codec Streaming Capability  Maximum Frame Rate	Triple Streaming **). CBR/VBR (selectable) H. 264: 60 fps (1280 x 1024) JPEG: 60 fps (1280 x 1024)
Audio Audio Compression Format	G.711/G.726/AAC (16 kHz, 48 kHz)
Scene Analytics	0.7 1 (0.7 20) 100 (10 kHz, 40 kHz)
Intelligent Motion Detection	Yes
Face Detection	Yes *3
Rule-based Filter	DEPA Advanced
Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SMTP, IPv6 *3, HTTPS, SNMP (MIB-2)
ONVIF Conformance	Yes (Profile S) *3
	20
Number of Clients	
Authentication	IEEE 802.1X
Authentication Interface	IEEE 802.1X
Authentication Interface Analog Video Output	IEEE 802.1X BNC x1, 1.0 Vp-p, 75 $\Omega$ , unbalance, sync negative
Authentication Interface Analog Video Output Analog Monitor Output	IEEE 802.1X BNC x1, 1.0 Vp-p, 75 $\Omega$ , unbalance, sync negative Phono jack x1
Authentication Interface Analog Video Output Analog Monitor Output Line Input	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jack x1 Mini jack (monaural)
Authentication Interface Analog Video Output Analog Monitor Output Line Input	IEEE 802.1X BNC x1, 1.0 Vp-p, 75 $\Omega$ , unbalance, sync negative Phono jack x1
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Output Line Output Network Port Sensor Input	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jack x1 Mini jack (monaural) X, 2, make contlote, break contact
Authentication Interface Analog Video Output Analog Monitor Output Line Input Line Output Network Port Sensor Input Alarm Output	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jack x1  Mini jack (monaural)  Mini jack (monaural), Maximum output level: 1 Vrms 108ASE-17 008ASE-17 (RJ-45) x 2, make contact, break contact x 2, 24 V AC/DC, 1 A (mechanical relay outputs electrically isolated from the camera)
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Output Line Output Network Port Sensor Input Alarm Output Microphone Input	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural) Mini jock (monaural) Mini jock (monaural) Mini jock (monaural) X jock (monaural)
Authentication Interface Analog Video Output Analog Monitor Output Line Input Line Output Line Output Line Output Alarm Output Alarm Output Alarm Output Alarm Output Card Slots Card Slots	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jack x1  Mini jack (monaural)  Mini jack (monaural), Maximum output level: 1 Vrms 108ASE-17 008ASE-17 (RJ-45) x 2, make contact, break contact x 2, 24 V AC/DC, 1 A (mechanical relay outputs electrically isolated from the camera)
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Output Line Output Network Port Sensor Input Alarm Output Microphone Input	IEEE 802,1X  BNC x1, 1,0 Vp-p, 75 Ω, unbalance, sync negative Phono jack x1  Mini jack (monaural)  Mini jack (monaural), Maximum output level: 1 Vrms 108ASE-17 108ASE-17 (RJ-45) x 2, make contact, break contact x 2, 24 V AC/DC, 1 A (mechanical relay outputs electrically isolated from the camera)  Mini jack (monaural)  SD Card x1  Windows V (32 bit) Professional Edition  Windows V (32 bit) Professional Edition
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Input Line Output Network Port Sensor Input Alarm Output Microphone Input Card Slots System Requirements Operating System	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural) Section of the synchrological sync
Authentication Interacce Analog Video Output Analog Monitor Output Line Input Line Output Line Output Line Output Alarm Output Alarm Output Alarm Output Microphone Input Card Slots System Requirements Operating System	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono joks x1 Mini jack (monaural) Mini jack (monaural) Mini jack (monaural), Maximum output level: 1 Virms 10BASE-T/1 00BASE-TX, (BL-45) x2, make controls, therek contact x2, 24 V AC/DC, 1 A (mechanical relay outputs electrically isolated from the camera) Mini jack (monaural) SD Card x1  Windows® XP (32 bit) Professional Edition Windows 7 (32 bit) Ultimate, Business Edition Windows 7 (32 bit) Ultimate, Professional Edition Intel Core if 2.2 6 Hz or higher
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Input Line Output Network Port Sensor Input Alarm Output Microphone Input Card Slots System Requirements Operating System	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural)  x 2, rade contact x 2, 24 VAC/DC, 1 A (mechanical relay outputs electrically isolated from the camera) Mini jock (monaural) SD Card x1  Windows* XP (32 bit) Professional Edition Windows Vister* (32 bit) Ultimate, Business Edition Windows Y (32/64 bit) Ultimate, Professional Edition Intel Care i7 2.8 GHz or higher 2 GB or more Microsoft Internet Explorer® Ver. 7.0, Ver. 8.0, Ver. 9.0 Firefore* Ver. 3.5 (Plug-in free viewer only) Safori** Ver. 4.0 (Plug-in free viewer only)
Authentication Interface Analog Video Output Analog Monitor Output Line Input Line Output Line Output Line Output Line Output Alarm Output Alarm Output Microphone Input Card Slots System Requirements Operating System Processor Memory Web Browser	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural) SABSE-T7 (024-5) x 2, make contact, break contact x 2, 24 VAC/DC, 1 A (mechanical relay outputs electrically isolated from the comera) Mini jock (monaural) SD Card x 1  Windows* XP (32 bit) Professional Edition Windows Vistan (32 bit) Utilimate, Brotessional Edition Windows (32/64 bit) Utilimate, Professional Edition Windows 7 (32/64 bit) Utilimate, Professional Edition
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Output Network Port Sensor Input Alarm Output Microphone Input Card Slots System Requirements Operating System Processor Web Browser	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural) SD Card x 1  Windows® XP (32 bit) Professional Edition Windows Vister (32 bit) Ultimate, Business Edition Windows Vister (32 bit) Ultimate, Business Edition Windows 7 (32/64 bit) Ultimate, Professional Edition Intel Care I7 2.8 GHz or higher 2 GB or more Microsoft Internet Explorer® Ver. 7.0, Ver. 8.0, Ver. 9.0 Firefox* Ver. 3.5 (Plug-in free viewer only) Google Chrome® Ver. 4.0 (Plug-in free viewer only) Google Chrome® Ver. 4.0 (Plug-in free viewer only) Google Chrome® Ver. 4.0 (Plug-in free viewer only)
Authentication Interface Analog Video Output Analog Monitor Output Line Input Line Output Line Output Line Output Line Output Alarm Output Alarm Output Alarm Output Microphone Input Card Slots System Requirements Operating System Processor Memory Web Browser  General Power Requirements	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural) So Card x1 A(DCC, 1 A (mechanical relay outputs electrically isolated from the camera) Mini jock (monaural) So Card x1 Windows* PX (32 bit) Professional Edition Windows Vistor* (32 bit) Ultimate, Business Edition Windows Vistor* (32 bit) Ultimate, Business Edition Windows Y (32/64 bit) Ultimate, Professional Edition Intel Core i7 2.8 GHz or higher 2 GB or more Microsoft Internet Explorer® Ver. 7.0 Ver. 8.0, Ver. 9.0 Firefore* Ver. 3.5 (Plug-in free viewer only) Google Chrome® Ver. 4.0 (Plug-in free viewer only) Google Chrome® Ver. 4.0 (Plug-in free viewer only) PoE system (IEEE 802.3af compiliant), DC 12 V ± 10%, AC 24 V ± 20%
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Output Network Port Sensor Input Alarm Output Alarm Output Microphone Input Card Siots System Requirements Operating System Processor Memory Web Browser  General Power Requirements Power Requirements Power Requirements Power Ossumption	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural) SD Card x1  Windows* XP (32 bit) Professional Edition Windows Vista* (32 bit) Ultimate, Business Edition Windows Vista* (32 bit) Ultimate, Professional Edition Windows 7 (32/64 bit) Ultimate, Professional Edition Windows 7
Authentication Interface Analog Video Output Analog Monitor Output Line Input Line Output Line Output Line Output Line Output Alarm Output Alarm Output Alarm Output Microphone Input Card Slots System Requirements Operating System Processor Memory Web Browser  General Power Requirements	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural) So Card x1 A(DCC, 1 A (mechanical relay outputs electrically isolated from the camera) Mini jock (monaural) So Card x1 Windows* PX (32 bit) Professional Edition Windows Vistor* (32 bit) Ultimate, Business Edition Windows Vistor* (32 bit) Ultimate, Business Edition Windows Y (32/64 bit) Ultimate, Professional Edition Intel Core i7 2.8 GHz or higher 2 GB or more Microsoft Internet Explorer® Ver. 7.0 Ver. 8.0, Ver. 9.0 Firefore* Ver. 3.5 (Plug-in free viewer only) Google Chrome® Ver. 4.0 (Plug-in free viewer only) Google Chrome® Ver. 4.0 (Plug-in free viewer only) PoE system (IEEE 802.3af compiliant), DC 12 V ± 10%, AC 24 V ± 20%
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Output Network Port Sensor Input Alarm Output Microphone Input Card Slots System Requirements Processor Memory Web Browser  General Power Requirements Power Consumption Operating Temperature Storing Temperature	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural) SD Card x 1  Windows* XP (32 bit) Professional Edition Windows V(32 bit) Professional Edition Windows V(32 bit) Professional Edition Windows V(32 bit) Hinitian (32 bit) Minitian (32 bit) Min
Authentication Interacce Analog Video Output Analog Monitor Output Line Input Line Output Line Output Line Output Line Output Alarm Output Alarm Output Alarm Output Alarm Output Microphone Input Card Slots System Requirements Operating System Processor Memory Web Browser  General Power Requirements Power Consumption Operating Imperature Starting Temperature Storage Temperature Storage Temperature Operating Lemperature Storage Temperature Operating Lemperature	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural)  Solvent (R)  Very A VAC/DC, 1 A (mechanical relay outputs electrically isolated from the camera) Mini jock (monaural)  Sol Card x1  Windows* XP (32 bit) Professional Edition Windows Vistor* (32 bit) Ultimate, Business Edition Windows Vistor* (32 bit) Ultimate, Business Edition Windows Vistor* (32 bit) Ultimate, Business Edition Mindows Y (32/64 bit) Ultimate, Professional Edition Intel Core i7 2.8 GHz or higher 2 GB or more Microsoft Internet Explorer® Ver. 7.0 Ver. 8.0, Ver. 9.0 Firefore* Ver. 3.5 (Plug-in free viewer only) Sodar® Ver. 4.0 (Plug-in free viewer only) Google Chrome® Ver. 4.0 (Plug-in free viewer only) PoE system (IEEE 802.3af compliant), DC 12 V ± 10%, AC 24 V ± 20% 6.0 W max. 14*F to 122°F (10°C to ±50°C) 32°F to 122°F (10°C to ±50°C) 32°F to 122°F (10°C to ±60°C) 22% to 80%
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Output Network Port Sensor Input Alarm Output Alarm Output Microphone Input Card Siots System Requirements Operating System Processor Memory Web Browser  General Power Requirements Power Requirements Power Grossupption Operating Iemperature Storing Iemperature S	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural) SD Cord x 1  Windows* XP (32 bit) Professional Edition Windows X (32 bit) Professional Edition Windows Y (32 bit) Professional Edition Windo
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Input Line Output Network Port Sensor Input Alarm Output Microphone Input Card Slots System Requirements Operating System  Processor Memory Web Browser  General Power Requirements Power Consumption Operating Iemperature Storage Iemperature Storage Iemperature Storage Iemperature Operating Iemperature Storage Iemperature Operating Iemperature Operating Humidity Storage Function Operating Iemperature Operating Humidity Storage Humidity	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural)  x 2, rake contact, break contact x 2, 24 VAC/DC, 1 A (mechanical relay outputs electrically isolated from the camera) Mini jock (monaural) SD Card x 1  Windows® XP (32 bit) Professional Edition Windows V(32 bit) Ultimate, Business Edition Windows V(32 bit) Ultimate, Business Edition Windows V(32 bit) Ultimate, Business Edition Windows V(32 bit) Ultimate, Professional Edition Intel Core i7 2.8 GHz or higher 2 GB or more Microsoft Internet Explorer® Ver. 7.0, Ver. 8.0, Ver. 9.0 Firefox® Ver. 3.5 (Plug-in free viewer only) Sodari® Ver. 4.0 (Plug-in free viewer only) Sodari® Ver. 4.0 (Plug-in free viewer only) Sode Stratem (IEEE 802.3af compliant), DC 12 V ± 10%, AC 24 V ± 20% 6.0 W max. 14*Fio 1120°F (10°C to ±50°C) 32°F to 122°F (10°C to ±50°C) 44*Fio 1140°F (20°C to ±60°C) 20% to 80% 20% to 95% 85 7/8 inches x 4.3/8 inches (g1 48 mm x 108 mm)
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Input Line Output Nelwork Port Sensor Input Alarm Output Microphone Input Card Slots System Requirements Operating System Processor Memory Web Browser  General Power Requirements Power Requirements Operating Iemperature Storage Family Storage Humidity Storage Humidity Storage Humidity Dimensions (W x H x D) Weight	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural) Septimized (specific state) x2, 24 VAC/DC, 1 A (mechanical relay outputs electrically isolated from the comera) Mini jock (monaural) SD Card x 1  Windows* XP (32 bit) Professional Edition Windows* XP (32 bit) Professional Edition Windows Vistar* (32 bit) Utilimate, Professional Edition Windows (32/64 bit) Utilimate, Professional Edition Windows (23/64 bit) Utilimate, Professional Edition Windows (23/64 bit) Utilimate, Professional Edition Windows (32/65 bit) Utilimate, Professional Edition Windows (32/65 bit) Utilimate, Professional Edition Windows (16/64 bit) Utilimate, Professional Edition Window
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Input Line Output Network Port Sensor Input Alarm Output Microphone Input Card Slots System Requirements Operating System  Processor Memory Web Browser  General Power Requirements Power Consumption Operating Iemperature Storage Iemperature Storage Iemperature Storage Iemperature Operating Iemperature Storage Iemperature Operating Iemperature Operating Humidity Storage Function Operating Iemperature Operating Humidity Storage Humidity	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1  Mini jock (monaural)  SBASE-17/100ABSE-17 (R21-45)  x 2, make contact, break contact  x 2, 24 VAC/DC, 1 A (mechanical relay outputs electrically isolated from the camera)  Mini jock (monaural)  SD Card x 1  Windows* VR (32 bit) Professional Edition  Windows* VR (32 bit) Utlimate, Business Edition  Windows* VR (32 bit) Utlimate, Professional Edition  Windows Vstor* (32 bit) Utlimate, Professional Edition  Intel Core i7 2.8 GRz or higher  2 68 or more  Microsoft Internet Explorer® Ver. 7.0, Ver. 8.0, Ver. 9.0  Fireface* Ver. 3.5 (Plug-in free viewer only)  Safar® Ver. 4.0 (Plug-in free viewer only)  Google Chrome* Ver. 4.0 (Plug-in free viewer only)  PoE system (IEEE 802.3af compliant), DC 12 V ± 10%, AC 24 V ± 20%  6.0 W max.  14*F to 122*F (-10*C to +50*C)  -4*F to +140*F (-20*C to +60*C)  20% to 80%  20% to 95%  85 78 inches x 4 3/8 inches (8148 mm x 108 mm)  Approx. 1 bil 11 oz (760 g)  JAET Exchincial Standard (LAN)
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Input Line Output Nelwork Port Sensor Input Alarm Output Microphone Input Card Slots System Requirements Operating System Processor Memory Web Browser  General Power Requirements Power Requirements Operating Iemperature Storage Family Storage Humidity Storage Humidity Storage Humidity Dimensions (W x H x D) Weight	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural) SD Card x 1  Windows* XP (32 bit) Professional Edition Windows X (32 bit) Professional Edition Windows Vister (32 bit) Ultimate, Business Edition Windows Vister (32 bit) Ultimate, Business Edition Windows Y (3264 bit) Ultimate, Professional Edition Intel Core if 2.8 GHz or higher 2 GB or mare Microsoft Internet Explorer* Ver. 7.0, Ver. 8.0, Ver. 9.0 Firefox* Ver. 3.5 (Plug-in free viewer only) Satar* Ver. 4.0 (Plug-in free viewer only) Google Chrome* Ver. 4.0 (Plug-in free viewer only)  PoE system (IEEE 802.3ad compliant), DC 12 V ± 10%, AC 24 V ± 20% 6.0 UW max.  1.4*F to 1122*F (10*C to ±50*C) 3.2*F to 122*F (0*F to 50*C) 4.4*F to 1140*F (20*C to ±60*C) 2.0% to 95% 95 7/8 inches x 4 3/8 inches (a148 mm x 108 mm) Approx. 1 ib 11 to 2 (760 g) JATE Technical Standard (LAN) UL2044, IEC60950-1 (CB) VCCI (Class A), IC C (Class A), IC (Class A)
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Input Line Output Nelwork Port Sensor Input Alarm Output Microphone Input Card Slots System Requirements Operating System Processor Memory Web Browser  General Power Requirements Power Requirements Operating Iemperature Storage Family Storage Humidity Storage Humidity Storage Humidity Dimensions (W x H x D) Weight	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1  Mini jock (monaural)  SBASE-17/100ABSE-17 (R21-45)  x 2, make contact, break contact  x 2, 24 VAC/DC, 1 A (mechanical relay outputs electrically isolated from the camera)  Mini jock (monaural)  SD Card x 1  Windows* VR (32 bit) Professional Edition  Windows* PR (32 bit) Professional Edition  Windows* YR (32 bit) Utilimate, Business Edition  Windows 7 (32/64 bit) Utilimate, Professional Edition  Windows 1 (32 bit) Utilimate, Professional Edition  Intel Care if 2 2.8 GHz or higher  2 68 or more  3 68 or more  Microsoft Internet Explorer® Ver. 7.0, Ver. 8.0, Ver. 9.0  Fireface* Ver. 3.5 (Plug-in free viewer only)  Safari® Ver. 4.0 (Plug-in free viewer only)  Sorgier® Ver. 4.0 (Plug-in free viewer only)  FoE system (IEEE 802.3af compliant), DC 12 V ± 10%, AC 24 V ± 20%  6.0 W mox.  14*F to 122*F (10*C to +50*C)  32*F to 122*F (10*C to +50*C)  32*F to 122*F (10*C to +60*C)  20% to 95%  85 7/8 inches x 4 3/8 inches (8148 mm x 108 mm)  Approx. 1 bit 11 oz (760 g)  JATE Technical Standard (LAN)  ULQ44 (ECoS0502 (Class A), ENSO13 4
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Input Line Output Nelwork Port Sensor Input Alarm Output Microphone Input Card Slots System Requirements Operating System Processor Memory Web Browser  General Power Requirements Power Requirements Operating Iemperature Storage Family Storage Humidity Storage Humidity Storage Humidity Dimensions (W x H x D) Weight	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1 Mini jock (monaural) SD Card x 1  Windows X (32 bit) Professional Edition Windows Y (32 bit) Professional Edition Windows Vistor (32 bit) Windows Y (32 bit) Windows Y (32 bit) Windows Y (32 bit) Professional Edition Windows Vistor (32 bit) Windows Y (32 bit) Windows Y (32 bit) Professional Edition Windows Y (2 bit) Profe
Authentication Interfaces Analog Video Output Analog Monitor Output Line Input Line Input Line Output Nelwork Port Sensor Input Alarm Output Microphone Input Card Slots System Requirements Operating System Processor Memory Web Browser  General Power Requirements Power Requirements Operating Iemperature Storage Family Storage Humidity Storage Humidity Storage Humidity Dimensions (W x H x D) Weight	IEEE 802.1X  BNC x1, 1.0 Vp-p, 75 Ω, unbalance, sync negative Phono jock x1  Mini jock (monaural)  SBASE-17/100ABSE-17 (R21-45)  x 2, make contact, break contact  x 2, 24 VAC/DC, 1 A (mechanical relay outputs electrically isolated from the camera)  Mini jock (monaural)  SD Card x 1  Windows* VR (32 bit) Professional Edition  Windows* PR (32 bit) Professional Edition  Windows* YR (32 bit) Utilimate, Business Edition  Windows 7 (32/64 bit) Utilimate, Professional Edition  Windows 1 (32 bit) Utilimate, Professional Edition  Intel Care if 2 2.8 GHz or higher  2 68 or more  3 68 or more  Microsoft Internet Explorer® Ver. 7.0, Ver. 8.0, Ver. 9.0  Fireface* Ver. 3.5 (Plug-in free viewer only)  Safari® Ver. 4.0 (Plug-in free viewer only)  Sorgier® Ver. 4.0 (Plug-in free viewer only)  FoE system (IEEE 802.3af compliant), DC 12 V ± 10%, AC 24 V ± 20%  6.0 W mox.  14*F to 122*F (10*C to +50*C)  32*F to 122*F (10*C to +50*C)  32*F to 122*F (10*C to +60*C)  20% to 95%  85 7/8 inches x 4 3/8 inches (8148 mm x 108 mm)  Approx. 1 bit 11 oz (760 g)  JATE Technical Standard (LAN)  ULQ44 (ECoS0502 (Class A), ENSO13 4

## SYSTEM CONFIGURATION



#### **DIMENSIONS**





Unit: inches (mm)

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<sup>\*1</sup> Triple streaming (any combination with JPEG/H.264, including multiple streams of the same format)
\*2 Monitor display ratio 4:3 \*3 Version 1.4 or later \*4 Default setting: OFF