

5 MP Full Color Fixed Dome Network Camera



SONY ColorVu Pro series camera



Features:

- 1/2.8" SONY IMX335 CMOS sensor
- High quality imaging with 5 MP resolution
- H.265/H.264 dual-stream compression technology
- Ultra low illumination 0.003 Lux
- Day/Night (ICR), AWB, AGC, BLC, 2D/3D-DNR, IR-CUT
- D-WDR, Motion Detection, Privacy Mask, Mirror
- 24/7 color imaging with F1.0 aperture
- Water and dust resistant (IP67)
- 3D DNR technology delivers clean and sharp images
- Up to 30M light Distance for bright night imaging
- Built-in microphone for real-time audio security (optional)
- RTSP and Onvif 11.07 compatible

Technical Specification					
Camera					
Image Sensor	1/2.8" CMOS SONY IMX335				
Max. Resolution	3072 (H) × 2048 (V)				
ROM	16 MB				
RAM	128 MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual 1/3 s - 1/100,000 s				
Min. Illumination	0.03 Lux@F2.0 (Color, 30 IRE) 0.003 Lux@F2.0 (B/W, 30 IRE) 0 Lux (Illuminator on)				
S/N Ratio	> 56 dB				
Illumination Distance	30 m (98.43 ft) (IR)				
Illuminator On/Off Control	Auto/Manual				
Illuminator Number	1 (IR LED)				
Pan/Tilt/Rotation Range	Pan: 0° - 360° Tilt: 0° - 90° Rotation: 0° - 360°				
Lens					
Lens Type	Fixed-focal				
Lens Mount	M12				
Focal Length	2.8 mm; 3.6 mm				
Max. Aperture	2.8 mm: F2.0 3.6 mm: F2.0				
Field of View	2.8 mm: Horizontal: 106°; Vertical: 56°; Diagonal: 125° 3.6 mm: Horizontal: 92°; Vertical: 48°; Diagonal: 109°				
Iris Control	Fixed				
Close Focus Distance	2.8 mm: 0.8 m (2.62 ft) 3.6 mm: 1.3 m (4.27 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	56.0 m (183.73 ft)	22.4 m (73.49 ft)	11.2 m (36.75 ft)	5.6 m (18.37 ft)
	3.6 mm	76.0 m (249.34 ft)	30.4 m (99.74 ft)	15.2 m (49.87 ft)	7.6 m (24.93 ft)
Video					
Video Compression	H.265; H.264; H.264B; MJPEG (only supported by the sub stream)				
Smart Codec	Smart H.265+; Smart H.264+				
Video Frame Rate	Main stream: 2880 × 1620 (1 fps - 20 fps) 2688 × 1520 (1 fps - 25/30 fps) Sub stream: 704 × 576 (1 fps - 25 fps) 704 × 480 (1 fps - 30 fps) *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.				
Stream Capability	2 streams				
Resolution	(3072x2048) (2592x1944) (2560x1440) (2304x1296) (1920x1080) (1080x720)				

Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 32 kbps - 6144 kbps H.265: 12 kbps - 6144 kbps
Day/Night	Auto(ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	DWDR
White Balance	Auto; natural; street lamp; outdoor; manual; regional custom
Gain Control	Auto; manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest (RoI)	Yes (4 areas)
Smart Illumination	Yes
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)
Mirror	Yes
Privacy Masking	-
Audio	
Built-in MIC	Yes (optional)
Audio Compression	G.711a; G.711Mu; G.726; PCM
Alarm	
Alarm Event	Network disconnection; IP conflict; illegal access; motion detection; video tampering; audio detection; security exception
Network	
Network Port	RJ-45 (10/100 Base-T)
SDK and API	Yes
Cyber Security	Video encryption; configuration encryption; Digest; WSSE; account lockout; security logs; generation and importing of X.509 certification; HTTPS; trusted boot; trusted execution; trusted upgrade
Network Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; DDNS; NTP; Multicast
Interoperability	ONVIF (Profile S/Profile T); CGI; P2P; Genetec; Milestone
User/Host	6 (Total bandwidth: 48 M)
Storage	FTP
Browser	IE Chrome Firefox
Management Software	Smart PSS; DSS; DMSS
Mobile Client	iOS; Android
Certification	
Certifications	CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B

