

Camera	Image Sensor	1/2.7" Progressive Scan CMOS
	Max. Resolution	2560 × 1920
	Min. Illumination	Color: 0.0125 Lux @(F1.9, AGC ON) B/W: 0.0025 Lux @(F1.9, AGC ON), 0 Lux with IR
	Shutter Time	1 s to 1/100,000 s
	Day & Night	IR cut filter
	Angle Adjustment	Pan: -60° to 60°, tilt: 10° to 90°, rotate: 0° to 350°
Lens	Lens Type	Varifocal lens, 2.8 to 8 mm
	Focal Length & FOV	2.8 to 8 mm, horizontal FOV 100° to 49°, vertical FOV 72° to 36.4°, diagonal FOV 134.4° to 61.4°
	Lens Mount	Ø14
	Focus	Manual, semi-auto
	Aperture	F1.9
Illuminator	Supplement Light Type	IR
	Supplement Light Range	Up to 30 m
	IR Wavelength	850 nm
Video	Main Stream	50 Hz: 25 fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)
	Sub-Stream	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 24 fps (704 × 480, 640 × 480)
	Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
	Scalable Video Coding (SV)	H.264 encoding
Audio	Audio Compression	With -S model: G.711/G.722.1/G.726/MP2L2/PCM
	Audio Bit Rate	With -S model: 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)
Network	Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
	Simultaneous Live View	Up to 20 channels
	User/Host	Up to 32 users. 3 user levels: administrator, operator and user
	Network Storage	microSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS,SMB/CIFS), ANR
Image	Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
	Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In (-S)
	Wide Dynamic Range (WD)	120 dB
	Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS
Interface	Ethernet Interface	1 RJ45 10M/100M/1000M Ethernet port; built-in RS-232
	On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
	Audio	With -S model: 1 input (line in), 1 output (line out), 3.5 mm three-contact
	Alarm	With -S model: 2 inputs, 2 outputs (max. 24 VDC, 1 A)
Event	Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
	Smart Event	Line crossing detection, up to 4 lines configurable Intrusion detection, up to 4 regions configurable Region entrance detection, up to 4 regions configurable Region exiting detection, up to 4 regions configurable Unattended baggage detection, up to 4 regions configurable Object removal detection, up to 4 regions configurable Scene change detection, audio exception detection(-S), defocus detection
General	Power	12 VDC± 20%, 1.8 A, 22 W, reverse polarity protection, three-core terminal block 24 VAC ± 20%, 1.4 A, 22 W PoE: 802.3at, Class 4, 42.5 to 57 VDC, 0.44 to 0.33 A, 19 W
	Dimension	Ø250 × 114.9 mm (9.8" × 4.5")
	Package Dimension	336 × 261 × 293 mm (13.2" × 10.3" × 11.5")
	Weight	Approx. 2.2 kg (4.9 lb.)