

Camera	Image Sensor	1/1.8" Progressive Scan CMOS
	Max. Resolution	2.8 mm Panorama+ePTZ mode: panorama channel: 1920 × 1080; ePTZ channel: 1920 × 1080 Panorama mode: 3840 × 2160
	Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON); B/W: 0.0018 Lux @ (F1.6, AGC ON), 0 Lux with IR
	Shutter Time	1/25 s to 1/100,000 s
	Day & Night	IR cut filter. Blue glass module to reduce ghost phenomenon.
	Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°
Lens	Lens Type	Fixed focal lens, 2.8 mm, four lenses
	Focal Length & FOV	2.8 mm: horizontal FOV 180°, vertical FOV 90°
	Lens Mount	M16
	Focus	Manual, semi-auto
	Aperture	F1.4
Illuminator	Supplement Light Type	IR, four IR LEDs
	Supplement Light Range	Up to 20 m
	IR Wavelength	850 nm
Video	Main Stream	Panorama+ePTZ mode: panorama channel: 50Hz: 25fps (1920 × 1080, 1280 × 720), 60Hz: 30fps (1920 × 1080, 1280 × 720); ePTZ channel: 50Hz: 25fps (1920 × 1080, 1280 × 720), 60Hz: 30fps (1920 × 1080, 1280 × 720) Panorama mode: 50Hz: 25fps (3840 × 2160, 2560 × 1440, 1920 × 1080), 60Hz: 30fps (3840 × 2160, 2560 × 1440, 1920 × 1080) Original mode: 50Hz: 25fps (1920 × 1080), 60Hz: 30fps (1920 × 1080)
	Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG
	Video Bit Rate	32 Kbps to 65 Mbps
Interface	Ethernet Interface	1 RJ45 10M/100M/1000M Ethernet port
	On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 256GB
	Audio	1 input (line in), 3.5 mm 3-section connector, max. input amplitude: 1 vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium; 1 output (line out), 3.5 mm 3-section connector, max. output amplitude: 1 vpp, output impedance: 100 Ω, interface type: non-equilibrium
	Alarm	2 inputs, 2 outputs (max. 24 VDC, 1A)
Event	Basic Event	Motion detection (only panorama and original modes support), exception (network disconnected, IP address conflict, illegal login, HDD full, HDD
	Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture
	Power	12 VDC, 1.6 A, max. 24 W, three-core terminal block PoE: 802.3at, 42.5 V to 57 V, 0.5 to 0.4 A
General	Dimension	189.5 × 207.63 × 206.62 mm (7.46" × 8.17" × 8.13")
	Package Dimension	340 × 261 × 293 mm (13.4" × 10.3" × 11.5")
	Heater	Yes
	Protection	IK10 (IEC 62262:2002), IP67 (IEC 60529-2013)