

Camera	Image Sensor	1/2.7" Progressive Scan CMOS
	Max. Resolution	2560 x 1920
	Min. Illumination	Color: 0.006 Lux @ (F1.2, AGC ON), 0.010 Lux @ (F1.6, AGC ON), B/W: 0.002 Lux @ (F1.2, AGC ON); 0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on
	Shutter Time	1 s - 1/100,000 s
	Day & Night	IR Cut Filter
	Angle Adjustment	Four flexible lens in one track, slide range: -180° to 180°, tilt: 0° to 135°, rotate: 0° to 355°
Lens	Focal Length & FOV	2.8mm to 12mm, Horizontal field of view: 30° to 101°, Vertical field of view: 22.4° to 73°, Diagonal field of view: 37° to 137°
	Lens Mount	Φ14
	Aperture	F1.6
Illuminator	Supplement Light Type	IR
	Supplement Light	10 m 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)
	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
	Video Bit Rate	32 Kbps to 16 Mbps
Image	Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, 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 (WDR)	120 dB
	Image Enhancement	BLC, 3D DNR, EIS
	Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp
Interface	Ethernet Interface	1 RJ45 10 M/100 M/1000 M Ethernet port, 1 RS-485 interface (-S), 1 1000M FC fiber optical interface (-/NFC)
	On-Board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
	Audio	1-ch 3.5 mm input (line in/Mic in), 1-ch 3.5mm output, dual-
	Alarm	2 inputs, 2 outputs (up to 24 VD, 1A or 110 VAC, 500mA)
	Fiber Optical	FC interface, single mode, single fiber, 20 km transmission distance, (Tx)1310 nm/ 1.25G, (Rx)1550 nm/1.25 G
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, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Face Detection, audio exception detection, scene change detection,
General	Power	12 VDC ± 20%: 2.3 A, max. 28 W, 24 VAC ± 20%, 2.5 A, max. 50 to 60 Hz (for customization), three-core terminal block -IZ, -IZHS/NFC: Hi-PoE: 42.5 VDC to 57 VDC, 0.9 A to 0.6 A, max. 34W
	Material	Aluminum alloy, engineering plastics

Dimension	Ø290 mm × 145.5 mm (Ø11.42" × 5.73")
General Function	One-key reset, anti-flicker, mirror, heartbeat, password protection, privacy mask, watermark, IP address filter
Protection	IP67, IK10