



FEATURES

- 5-MP 1/2.7" CMOS image sensor, low luminance, and high definition image.
- Outputs max. 5 MP (2560 × 1920)@30 fps.
- H.265 codec, high compression rate, ultra-low bit rate.
- Built-in warm light that assists the camera with color rendition.
- Light filtering system that effectively reduces the reflection of light by mirrors to deliver clear images.
- The focus is adjustable and the device is easy to install.
- Glass heating: Quickly removes water, ice, snow and mist from the glass to keep images clear.
- Abnormality detection: Motion detection, video tampering, audio detection, SD card full, SD card error, network disconnection, IP conflict and illegal access.
- Supports max. 256 G Micro SD card; built in MIC.
- 12 VDC/PoE power supply, easy for installation.
- IP67 protection.

TECHNICAL SPECIFICATIONS

Camera	Image Sensor	1/2.7" CMOS		
	Max. Resolution	2560 (H) × 1920 (V)		
	ROM	128 MB		
	RAM	256 MB		
	Scanning System	Progressive		
	Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s		
	Min. Illumination	0.02 lux@F2.0 (Color, 30 IRE) 0.0002 lux@F2.0 (B/W, 30 IRE) 0 lux (Illuminator on)		
	S/N Ratio	>56 dB		
	Illumination Distance	0.5 m (1.64 ft)		
	Illuminator On/Off Control	Auto; Manual		
Illuminator Number	1 (Warm light)			
Lens	Lens Type	Fixed-focal		
	Lens Mount	M8		
	Focal Length	3.6 mm		
	Max. Aperture	F2.0		
	Field of View	H: 79.6°; V: 63.8°; D: 93.4°		
	Iris Control	Fixed		
	DORI Distance	Detect	60.0 m (196.85 ft)	
Observe		24.0 m (78.74 ft)		
Recognize		12.0 m (39.37 ft)		
Identify		6.0 m (19.96 ft)		
Video	Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (Only supported by the sub stream)		
	Smart Codec	Smart H.265+; Smart H.264+		
	Video Frame Rate	Main stream: 2560×1920@(1–25/30 fps) Sub stream: 704×576@(1–25 fps)/704 × 480@(1–30 fps)		
	Stream Capability	2 streams		
	Resolution	5M (2560 × 1920); 4M (2688 × 1520);4M (2560 × 1440); 3M (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)		
	Bit Rate Control	CBR/VBR		
	Video Bit Rate	H.264: 32 kbps–8192 kbps H.265: 32 kbps–8192 kbps		
	Day/Night	Color/B/W		
	BLC	Yes		
	HLC	Yes		
	WDR	120 dB		
	Scene Self-adaptation (SSA)	Yes		
	White Balance	Fixed		
	Gain Control	Auto		
	Noise Detection	3D NR		
	Motion Detection	Fixed		
	Region of Interest (RoI)	Yes (4 areas)		
	Mirror	Yes		
	Privacy Masking	4 areas		
Audio	Built-in MIC	Yes		
	Compression	G.711a;G.711Mu; G.726; PCM		
Alarm Event	SD card error; SD card full; 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		
	Network Protocol	IPv4; IPv6; HTTP;TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE;		
	Interoperability	ONVIF (Profile S/Profile G/ Profile T); CGI;Milestone		
	User/Host	20 (Total bandwidth: 80 M)		
	Storage	FTP; SFTP; Micro SD card (support max. 256 GB); NAS		
	Browser	IE; Chrome; Firefox		
	Management Software	DSS; DMSS		
	Mobile Client	iOS; Android		
	Cyber Security	Configuration encryption; trusted execution; digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HT-TPS; trusted upgrade; trusted boot; firmware encryption; generation and importing of X.509 certification		
	Power	Power Supply	12 VDC/PoE (802.3af)	
		Power Consumption	Basic: 2.2 W (12 VDC); 2.5 W (PoE) Max. (H.265+ warm light + WDR + motor driving+ glass heating): 5 W (12 VDC); 5.8 W (PoE)	
	Environment	Operating Temperature	–40 °C to +60 °C (–40 °F to +140 °F)	
Operating Humidity		≤95%		
Storage Temperature		–40 °C to +60 °C (–40 °F to +140 °F)		
Protection		IP67		
Structure	Casing Material	Metal		
	Product Dimensions	66 mm × 65 mm × 31.6 mm (2.60" × 2.56" × 1.24") (L × W × H)		
	Net Weight	166 g (0.37 lb)		
	Gross Weight	398 g (0.88 lb)		