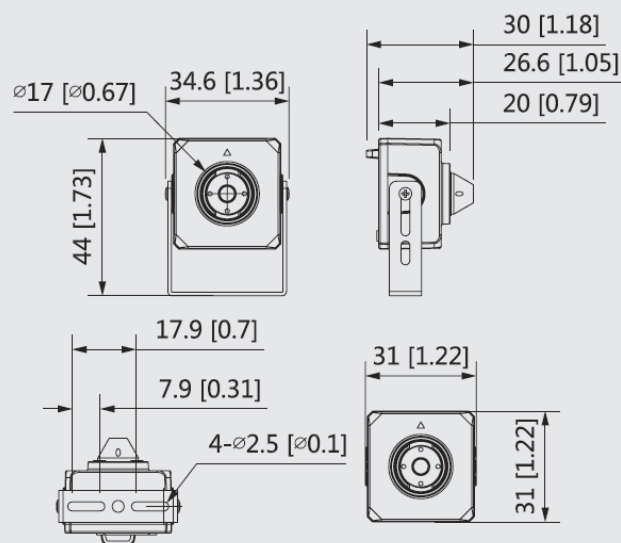




FEATURES

- 4MP, 1/3" CMOS image sensor, low illuminance, high image definition
- Outputs max. 4MP 2688x1520 @30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- RoI, SMART H.264+/H.265+, flexible coding, applicable to various band width and storage environments
- Rotation mode, WDR 120dB, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Intelligent detection: Tripwire and intrusion
- Abnormality detection: Motion detection, video tampering, scene changing, audio detection, network disconnection, IP conflict, illegal access, voltage detection
- Audio: 1 in, 1 out
- 12V DC power supply



TECHNICAL SPECIFICATIONS

Camera	Image Sensor	1/3" CMOS		
	Effective Pixels	2688x1520		
	ROM	128 MB		
	RAM	128 MB		
	Scanning System	Progressive		
	S/N Ratio	> 56 dB		
	Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s		
Lens	Min. Illumination	0.005 Lux@F2.0 (Color, 30IRE) 0.0005 Lux@F2.0 (B/W, 30IRE)		
	Lens Type	Fixed-focal		
	Mount Type	M12		
	Focal Length	2.8 mm		
	Max. Aperture	F2.0		
	Field of View	Horizontal: 108° × Vertical: 59° × Diagonal: 118°		
	Iris Type	Fixed		
	Close Focus Distance	0.6 m		
	DORI Distance Lens 2.8 mm	Detect	42.1 m (138.1 ft)	
		Observe	16.8 m (55.1ft)	
Recognize		8.4 m (27.6 ft)		
Identify		4.2 m (13.8 ft)		
Smart Event	IVS	Tripwire; intrusion		
Video	Video Compression	Main stream: H.264; H.264H; H.264b; H.265 Sub stream:H.264; H.264H; H.264b; H.265; MJPEG		
		Smart Codec	Yes	
	Video Frame Rate	Main stream: 2688x1520 @1-25/30 fps Sub stream: 704 × 576 @25 fps; 704 × 480 @30 fps		
	Stream Capability	2 streams		
	Resolution	Main stream: 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); Sub stream:D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)		
	Bit Rate Control	CBR/VBR		
	Video Bit Rate	H.264: 3 kbps–6144 kbps H.265: 3 kbps–6144 kbps		
	BLC	Yes		
	HLC	Yes		
	WDR	120 dB		
	White Balance	Auto/natural/street lamp/outdoor/ manual/regional custom		
	Gain Control	Auto/Manual		
	Noise Reduction	3D DNR		
	Motion Detection	OFF/ON (4 areas, rectangular)		
	Region of Interest (RoI)	Yes (4 areas)		
	Image Rotation	0°/90°/180°/270° (Support 90°/270° with 1080p resolution and lower.)		
	Mirror	Yes		
	Privacy Masking	4 areas		
Audio	Compression	G.711A; G.711Mu; G.726		
	Network Port	RJ-45 (10/100 Base-T)		
		Network Protocol	Pv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTS; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; Bonjour	
	Cyber Security		Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade	
		Interoperability	ONVIF (Profile S); CGI; Milestone; Genetec	
	User/Host	20 (Total bandwidth: 64 M)		
	Edge Storage	FTP; SFTP; NAS		
	Browser	IE: IE8; IE9; IE11 Chrome Firefox		
	Management Software	Smart PSS; DSS; DMSS		
	Mobile Client	IOS; Android		
	Certification	CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07		
	Port	Audio Input	1 channel (RCA port)	
Audio Output		1 channel (RCA port)		
Power	Power Supply	12V DC		
	Power Consumption	Basic power consumption: 1.3W (12V DC) Max. power consumption (IVS): 1.4W (12V DC)		
Environment	Operating Conditions	−40 °C to +60 °C (−40 °F to +140 °F)/Less than 95% RH		
	Storage Conditions	−40 °C to +60 °C (−40 °F to +140 °F)		
Structure	Casing	Metal		
	Dimensions	34.6 mm × 44 mm × 30 mm (1.4" × 1.7" × 1.2")		
	Net Weight	82 g (0.2 lb)		
	Gross Weight	128 g (0.3 lb)		