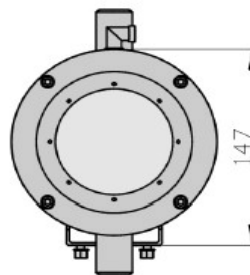
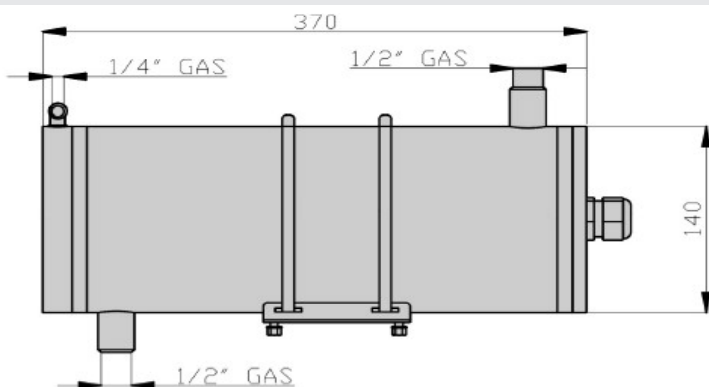




FEATURES

- 5MP, 1/3" CMOS image sensor, low illuminance, high image definition
- Outputs max (2688 × 1520)@30 fps
- H.265 codec, high compression rate, low bit rate
- IP68,Inox AISI 316L
- ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments
- Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes

Camera IP in acciaio inox AISI 316 con intercapedine per raffreddamento ad acqua, liquido refrigerante o aria. particolarmente indicata per le installazioni in ambienti industriali, chimici, fonderie, altoforni. E' equipaggiata con fondo anteriore a barriera d'aria per attenuare il calore e la pulizia del vetro dall'eventuale deposito di polveri - Motion Detection plus con funzioni di analisi video (Tripwire, Intrusion, cambi di scena, defocus) ROI. Alimentazione PoE (802.3af) o 12Vdc Grado di protezione IP68



MT-IPCX2812-5

TECHNICAL SPECIFICATIONS

Camera	Image Sensor	1/3"5Megapixel progressive CMOS		
	Max. Resolution	2688 (H) ×1520 (V)		
	ROM	128 MB		
	RAM	512 MB		
	Scanning System	Progressive		
	Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s		
	Min. Illumination	0.005 Lux@F1.5 (Color, 30IRE) 0.0005 Lux@F1.5 (B/W, 30IRE)		
	S/N Ratio	> 56 dB		
	Illumination Distance	-		
	Illuminator On/Off Control	-		
	Illuminator Number	NO		
	Pan/Tilt/Rotation Range	Pan: 0°–360°; Tilt: 0°–90°; Rotation: 0°–360°		
Lens	Lens Type	vari-focal		
	Mount Type	ø14		
	Focal Length	2.7mm~13.5mm		
	Max Aperture	F1.5		
	Field of View	Horizontal: 104°–27° Vertical: 55°–15° Diagonal: 124°–31°		
	Iris Type	Fixed		
	Close Focus Distance	0.8 m (2.6 ft)		
	DORI Distance	Lens	W	T
		Detect	64m (210.0 ft)	222.0 m (728.3ft)
		Observe	25.6m (84.0 ft)	88.8m (291.3 ft)
		Recognize	12.8m (42.0 ft)	44.4 m (145.7 ft)
		Identify	6.4m (21.0 ft)	22.2 m (72.8 ft)
Professional, Intelligent	Perimeter Protection	Tripwire; intrusion (Recognition of human and vehicle)		
	Intelligent Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos		
Video	Compression	H.265; H.264; H.264H; H.264B; MJPEG (only supported by sub stream)		
	Smart Codec	Smart H.265+; Smart H.264+		
	Video Frame Rate	Main stream (2688 × 1520@1–25/30 fps) Sub stream (704 × 576@1–25 fps/704 × 480@1–30 fps) Third stream (1280 × 720@1–25/30 fps)		
	Stream Capability	3 streams		
	Resolution	4M (2688 × 1520); 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: 3 Kbps–8192 Kbps H.265: 3 Kbps–8192 Kbps		
	Day/Night	Auto(ICR)/Color/B/W		
	BLC	yes		
	HLC	yes		
	WDR	120 dB		

Video	White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
	Gain Control	Auto/Manual
	Noise Reduction	3D DNR
	Motion Detetion	OFF/ON (4 areas, rectangular)
	Region of Interest (Rol)	Yes (4 areas)
	Smart Illumination	Yes
	Image Rotation	0°/90°/180°/270° (Support 90°/270° with 1920 × 1080 resolution and lower.)
	Mirror	Yes
	Privacy Masking	4 areas
Alarm Event	No SD card; SD card full; SD card error; less service time of SD card (smart card supports); network disconnection; IP conflict; illegal access; voltage detection; security exception; motion detection;scene changing; intensity change; tripwire; intrusion; SMD	
Network	Network	RJ-45 (10/100Base-T)
	SDK and API	Yes
	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; SNMP
	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/Profile G/Profile T); CGI;P2P;Milestone; Genetec
	Scene Self-adaptation (SSA)	Yes
	User/Host	20 (Total bandwidth: 64 M)
	Storage	FTP; SFTP; Micro SD Card (support max. 256 G); NAS
	Browser	IE: IE8, IE9, IE11 Chrome Firefox
	Management SoftwareSoftware	Smart PSS, DSS, DMSS
	Mobile Phone	IOS, Android
	Certifications (camera module)	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
Power	Power Supply	12V DC/PoE (802.3af)
	Power Consumption	< 9.8W
Environment	Operating Conditions	-30°C to +80/300°C less than 95%
	Protection Grade	IP68
Structure	Casing	AISI 316 stainless steel
	Dimensions	370 mm × 140mm × 147 mm
	Net Weight	8 Kg
	Gross Weight	8,5 Kg

Table indicating the water flow rate that is required to maintain a max. temperature of +45°C inside the housing

T° ambient (°C)	Water flow rate (l/m.)	T° inside the housing (°C)
200	2	31
300	2,4	42
400	6,8	45