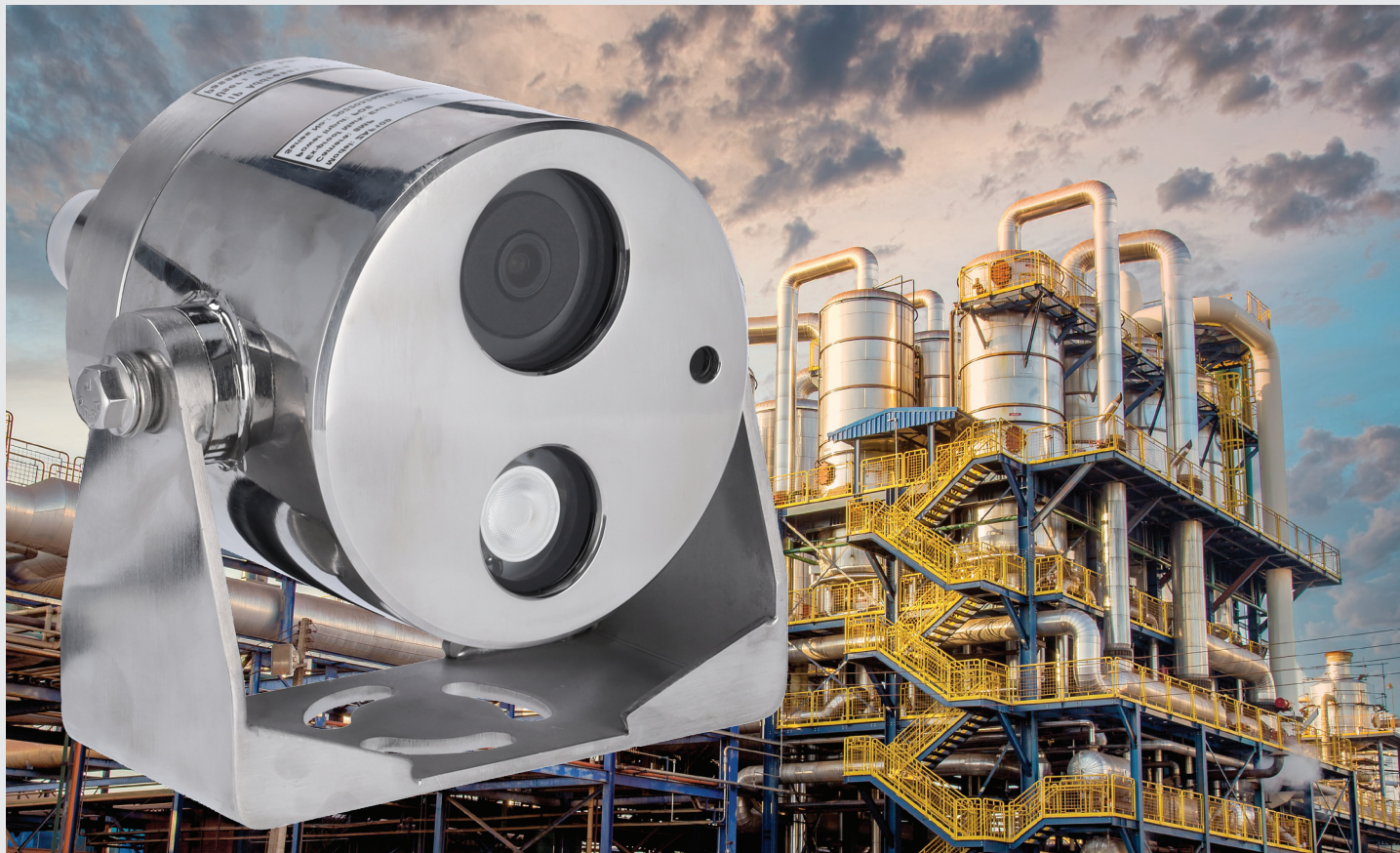


Industrial CCTV



FEATURES

- SAE 304 stainless steel
- Athermalized Lens, Focus-free
- 8 Megapixel progressive scan CMOS
- Support ROI, Ai motion detection
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC,
- Multiple network monitoring: Web viewer, CMS
- IP68, -25 ° C ~ +60 ° C
- Micro SD memory, IR led, PoE 802.3af

TECHNICAL SPECIFICATIONS

Camera	Image Sensor	1/2.7" Megapixel progressive CMOS	
	Max. Resolution	3840 (H) × 2160 (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@F1.6 (Color, 30IRE) 0.0005 Lux@F1.6 (B/W, 30IRE) 0 Lux (Illuminator on)	
	S/N Ratio	> 56 dB	
	Illumination Distance	30 m	
	Illuminator On/Off Control	Auto / Manual	
	Illuminator	(IR LED)	
	Pan/Tilt/Rotation Range	Pan: 0°–355°; Tilt: 0°–65°; Rotation: 0°–355°	
Lens	Lens Type	Fixed-focal	
	Mount Type	M12	
	Focal Length	4 mm	
	Max Aperture	F1.6	
	Field of View	Horizontal: 52°; vertical: 25°;	
	Iris Type	Fixed	
	Close Focus Distance	0.9 m (3.0 ft)	
	DORI Distance	Lens	4mm
		Detect	56.0 m (183.7 ft)
		Observe	22.4 m (73.5 ft)
		Recognize	11.2 m (36.8 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 (3840 × 12160@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	3840×2160; 5M (2688×1520); 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/regional custom
	Gain Control	Auto/Manual
	Noise Reduction	3D DNR
	Motion Detetion	OFF/ON (4 areas, rectangular)
	Region of Interest (RoI)	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; exception; motion detection; scene changing; intensity change; tripwire; intrusion; Smart Motion
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 Software	Smart PSS, DSS, MT Mobile
	Mobile Phone	iOS, Android
	Certifications	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	<8.3W
Environment	Operating Conditions	-25°C to +60°C/ less than 95%
	Storage Conditions	-40°C to +60°C
	Protection Grade	IP68
Structure	Casing	304 stainless steel
	Dimensions	Φ150*168mm
	Net Weight	4000 g
	Gross Weight	5230 g