



KM-232S6-260-DL-PMA

2MP 32x Smart Dual Illumination Network PTZ Camera



- 1/2.7" 2Megapixel SONY STARVIS™.
- 32x optical zoom.
- Max. 50/60fps@2M.
- IR distance up to 260m.
- Warm light distance up to 100m.
- Sound and light alarm (red and blue lights).
- Auto tracking 3.0.
- Perimeter protection.
- Face detection.
- Acupick.
- SMD 4.0.
- IP67, IK10.
- Ryder heat dissipation, lightning protection 8000V.
- Secudeep security technology.



Camera					
Image Sensor	1/2.7" SONY STARVIS™				
Pixel	2 MP				
Max. Resolution	1920 (H) × 1080 (V)				
ROM	4 GB				
RAM	2 GB				
Electronic Shutter Speed	1s-1/1,000,000s				
Scanning System	Progressive				
Min. Illumination	0.001 lux@F1.6 (Color, 30 IRE) 0.0001 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on)				
Illumination Distance	100 m (Warm light); 260 m (IR)				
Illuminator On/Off Control	Zoom Prio; Manual; Auto; Off				
Illuminator Number	6 (Dual light fusion)				
Lens					
Focal Length	4.8 mm-154 mm				
Max. Aperture	F1.6-F4.0				
Field of View	H: 58.4°-3.0°; V: 33.4°-1.7°; D: 66.4°-3.4°				
Optical Zoom	32x				
Focus Control	Auto; Semi-auto; Manual				
Close Focus Distance	0.1 m-1.5 m (0.33 ft-4.92 ft)				
Iris Control	Auto; Manual; Iris prio				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	66.2 m (217.21 ft)	26.1 m (85.80 ft)	13.2 m (43.44 ft)	6.6 m (21.72 ft)
	T	2124.1 m (6968.96 ft)	839.0 m (2752.74 ft)	424.8 m (1393.79 ft)	212.4 m (696.90 ft)
PTZ					
Pan/Tilt Range	Pan: 0° to 360° endless; Tilt: -20° to +90°, auto flip 180°				
Manual Control Speed	Pan: 0°/s-260°/s; Tilt: 0°/s-140°/s				
Preset Speed	Pan: 300°/s; Tilt:200°/s				
Preset	300				
Tour	8				
Pattern	5				
Scan	5				
Power-off Memory	Yes				
Idle Motion	Preset;Pattern;Tour;Scan				
PTZ Protocol	DH-SD Pelco-P/D(Auto recognition)				



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Intelligence	
Video Metadata	Supports detection of motor vehicles, non-motor vehicles, faces and human bodies, optimization, capturing pictures, and uploading high-quality face snapshots. It extracts attributes from motor vehicles and non-motors, detecting up to 10 attributes for motor vehicles and 8 for non-motor vehicles. It also extracts attributes from human faces and bodies, detecting up to 6 attributes for faces, and 8 for bodies.
IVS (Perimeter Protection)	Tripwire; intrusion; crossing fence detection; loitering detection; abandoned/missing object; fast moving; parking detection; people gathering; human alarm classification; linkage tracking
Face Detection	Supports face detection, optimization, capturing pictures, uploading high-quality face snapshots and enhancing face images. Attribute extraction is also supported, where 6 attributes and 8 expressions can be detected. Face cutout is also offered, where you can cutout one face at a time and customize the size to be a one-inch photo. The supported methods for capturing snapshots are real-time capturing, quality first, and selecting a preferred image among a group of snapshots.
Smart Tracking	AutoTracking 3.0
SMD	SMD 4.0
AcuPick	Uses deep learning algorithms and works with backend devices to accurately match targets, such as people and motor vehicles, and search through live and recorded videos to quickly locate targets
Auto Patrol	After an IVS event occurs, the PTZ camera immediately initiates automated patrol of predefined key points to quickly cover potential risk areas and detect unknown threats in real time.
Active Deterrence	
Light Warning	Red and blue warning light Flash duration: 5 s-30 s Flash frequency: high, medium, low
Sound Warning	Built in 11 voice alarm contents, supporting custom import of 10 voice contents; Sound: 0-100 adjustable; The playback frequency can be adjusted from 1 to 10 times; (requires external speaker for use)
Video	
Video Compression	Smart H.265+;H.265;Smart H.264+;H.264;H.264B;H.264H;MJPEG(Sub Stream 1)
Streaming Capability	3 streams
Resolution	1080p (1920 × 1080); 960p (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Video Frame Rate	Main stream: 1080p/1.3M/720p@(1-50/60 fps) Sub stream 1: D1/VGA/CIF@(1-25/30 fps) Sub stream 2: 1080p/1.3M/720p/@@(1-25/30 fps)
Bit Rate Control	CBR/VBR
Video Bit Rate	H264: 64 kbps-11264 kbps H265: 25 kbps-6912 kbps
Day/Night	Auto (ICR)/Color/B/W
BLC	Yes
WDR	140 dB
HLC	Yes
White Balance	Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp
Gain Control	Auto; manual; gain prio
Noise Reduction	2D NR; 3D NR
Motion Detection	Yes
Region of Interest (Rol)	Yes
Image Stabilization	Electronic Image Stabilization (EIS)
Defog	Electronic
Digital Zoom	16x
Image Rotation	180°
Privacy Masking	Up to 24 areas can be set, with up to 8 areas in the same view Multiple colors and mosaic available
S/N Ratio	≥55 dB
Audio	
Audio Compression	PCM; G.711a; G.711Mu; G.726; MPEG2-Layer2; G722.1; G729; G723
Built-in Speaker	Yes
Network	
Network Port	RJ-45 (10/100 Base-T)
Network Protocol	HTTP;HTTPS;TCP/IP;IPv4;RTSP;UDP;SMTP;NTP;DHCP;DNS;DDNS;IPv6;802.1x;SSL;QoS;FTP;UPnP;ICMP;SNMP;IGMP;ARP;RTCP;RTP;PPPoE;RTMP;Bonjour;SMB;NFS
Interoperability	ONVIF (Profile S & Profile G & Profile T);CGI;SDK
Streaming Method	Unicast/Multicast



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User/Host	20 (total bandwidth: 64 M)
Storage	Micro SD card (512 GB); FTP/SFTP; NAS
Browser	IE 9 and later versions Chrome 41 and later versions Firefox 50 and later versions Safari 10 and later versions
Management Software	Kabe View; Kabevision-V100
Mobile Client	iOS;Android
Port	
RS-485	1 (Bit range: 1200 bps-9600 bps)
Audio Input	1 channel (LINE IN, bare wire)
Audio Output	1 channel (LINE OUT, bare wire; built-in speaker (mutually exclusive))
Alarm Input	2 (on-off value input: 0-5 VDC)
Alarm Output	1 channel
Alarm Linkage	Capture; recording; send email; preset; tour; pattern; alarm digital output; audio
Alarm Event	Motion/tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection
Power	
Power Supply	24 VDC, 2.5 A \pm 25% PoE+ (802.3at)
Power Consumption	Basic: 12 W Max. (WDR + IR on + PTZ operation + Alarm): 19 W (24 VDC)
Power Adapter	Included
Environment	
Operating Temperature	-45 °C to +70 °C
Operating Humidity	\leq 95%
Protection	IP67;IK10;TVS 6000 V lightning proof; surge protection; voltage transient protection
Structure	
Product Dimensions	208 mm \times 202 mm \times 325 mm (8.19" \times 7.95" \times 12.8") (L \times W \times H)
Net Weight	4.45 kg (9.81 lb)
Gross Weight	6.62 kg (14.59 lb)

mm[inch]

