

KM-EDA6328ASTPN-D

6MP 32X Dual Light Network Panoramic PTZ Camera



- Speed dome camera: Capable of simultaneously monitoring 2 different frames, both 360-degree scanning (01 lens) and monitoring a fixed position with a wide angle (02 lenses) integrated on the same device.
- Resolution 6 MP, Max. 25/30fps
- Image sensor: [Camera panorama] 1/2.8" Progressive Scan CMOS, [Camera PTZ] 1/1.8" Progressive Scan SONY STARVIS™ image sensor
- PTZ optical zoom 32 x, digital zoom 32x
- Shutter speed: 1 s to 1/30,000 s
- Light sensitivity [Camera PTZ] Color: 0.001 lux@F1.0; B/W: 0.0001 lux@F1.0; 0 lux (IR light on); [Fixed Camera] Color: 0.0005 lux@F1.4; B/W: 0.0001 lux@F1.4; 0 lux (IR light on)
- Lens focal length [Panorama Camera] 2.8 mm, [PTZ Camera] 5.9 mm–189 mm
- White light distance: 60 m, Infrared: up to 320 m
- ANR (Automatic Network Replenishment), Dual-VCA, RS-485, Alarm Input/Output 7/2, Audio Input/Output 1/1
- Wide Dynamic Range (WDR) [Fixed Camera] Digital WDR, [PTZ Camera] 150 dB
- SNR >52dB
- On-Board storage: support memory card up to 1 TB, FTP, NAS
- 36 VDC, 2.25 A ± 25%; PoE++(802.3bt)
- Starting and operating conditions -40°C to +85°C, humidity 95% or less (non-condensing), Lightning protection 6.5 kV, IP67, IK10 standards
- Support multiple AI features



Camera				
Image Sensors	[Camera panorama] 1/2.8" Progressive Scan CMOS, [Camera PTZ] 1/1.8" Progressive Scan SONY STARVIS™ image sensor.			
Pixel	Panorama: 6 MP Detail: 6 MP			
Max. Resolution	Panorama: 6MP Detail: 6MP			
ROM	Panorama: 4 GB Detail: 4 GB			
RAM	Panorama: 1 GB Detail: 1 GB			
Electronic Shutter Speed	1 s–1/30,000 s			
Scanning System	Progressive			
Min. Illumination	[Camera PTZ] Color: 0.001 lux@F1.0; B/W: 0.0001 lux@F1.0; 0 lux (IR light on); [Fixed Camera] Color: 0.0005 lux@F1.4; B/W: 0.0001 lux@F1.4; 0 lux (IR light on).			
Illumination Distance	Panorama: 60 m (196.86 ft) (White light) Detail: 320m (1049.87 ft) (IR)			
Illuminator On/Off Control	Zoom Prio; Manual; Smart IR; Off			
Illuminator Number	Panorama: 4 (White light); Detail: 4 (IR), 2 (White light)			
Lens				
Focal Length	Panorama: 2.8 mm Detail: 5.9 mm–189 mm			
Max. Aperture	Panorama: F1.0 Detail: F1.6–4.0			
Field of View	Panorama: H: 180° ± 5°; V: 51° Detail: H: 55.8°–2.3°; V: 31.9°–1.3°; D: 63.7°–2.7°			
Optical Zoom	Panorama: NA Detail: 32x			
Focus Control	Panorama: NA Detail: Auto; semi-auto; manual			
Close Focus Distance	Panorama: 0.3 m (0.98 ft) Detail: 0.8 m–5 m (2.62 ft–16.40 ft)			
Iris Control	Panorama: Fixed Detail: Auto; manual			
DORI Distance	Detect	Observe	Recognize	Identify
	Panorama: 38.6 m (126.64 ft) Detail: 3080 m (10104.99 ft)	Panorama: 38.6 m (126.64 ft) Detail: 3080 m (10104.99 ft)	Panorama: 7.7 m (25.26 ft) Detail: 616 m (2021.00 ft)	Panorama: 3.9 m (12.80 ft) Detail: 308 m (1010.50 ft)
PTZ				
Pan/Tilt Range	Detail: H: 0°–360° endless V: -20°–+90°			

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Manual Control Speed	Detail: Pan: 0.1°/s-160°/s Tilt: 0.1°/s-120°/s
Preset Speed	Detail: Pan: 240°/s; Tilt: 200°/s
Pattern	5
Scan	5
Tour	8 (up to 32 presets per tour)
Power-off Memory	Yes
Idle Motion	Pattern; Preset; Scan; Tour
PTZ Protocol	DH-SD; Pelco-P/D(Auto recognition)
Intelligence	
IVS (Perimeter Protection)	Tripwire; intrusion; crossing fence detection; loitering detection; abandoned/missing object; fast moving; parking detection; people gathering; human alarm classification
Face Detection	Supports face detection, snapshot, and face enhancement; Supports face cutout: Face, one-inch photo; Capturing strategies include real-time capturing and quality first.
People Counting	Supports counting the number of people that cross the detection line, counting the number of people in an area and queue management. Also, only people counting that cross the detection line supports the report function.
SMD	Yes
Video	
Video Compression	H.264H;H.264B;Smart H.265+;H.265;MJPEG(Sub Stream);Smart H.264+;H.264M
Streaming Capability	3 streams
Resolution	Panorama: 6M, 4M 3840 × 1080; 960 × 268; D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240); Details: 6M; 2560 × 1440 (2560 × 1440); 3M (2048 × 1536); 3M (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 76/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Video Frame Rate	Panorama: H.264: 2,816 kbps-13,824 kbps H.265: 1,024 kbps-8,192 kbps Detail: H.264: 2,816 kbps-13,056 kbps H.265: 1,024 kbps-7,936 kbps
Bit Rate Control	CBR/VBR
Video Bit Rate	H264: 96 Kbps-22272 Kbps H265: 38 Kbps-13440 Kbps
Day/Night	Paronama: Auto (ICR)/Color/B/W Detail: Auto (ICR)/Color/B/W
BLC	Yes
WDR	Yes
HLC	Yes
White Balance	Panorama: Auto; indoor; outdoor; ATW; manual; sodium lamp; natural light; street lamp Detail: Auto; indoor; outdoor; ATW; manual; sodium lamp; natural light; street lamp
Gain Control	Paronama: Auto/manual Detail: Auto/manual
Noise Reduction	2D NR; 3D NR
Motion Detection	Yes
Region of Interest (RoI)	Yes
Image Stabilization	Electronic Image Stabilization (EIS)
Defog	Electronic
Digital Zoom	Yes
Image Rotation	180°
S/N Ratio	≥55 dB
Audio	
Audio Compression	PCM; G.711a; G.711Mu; G.726; MPEG2-Layer2; G722.1; G729; G723
Network	
Network Port	RJ-45 (10/100 Base-T)
Network Protocol	FTP; RTMP; IPv6; Bonjour; IPv4; DNS; RTCP; PPPoE; NTP; RTP; 802.1x; HTTPS; SNMP; TCP/IP; DDNS; UPnP; NFS; ICMP; UDP; IGMP; HTTP; SSL; DHCP; SMTP; Qos; RTSP; ARP
Interoperability	CGI;ONVIF (Profile S&G&T)
User/Host	20 (total bandwidth: 64 M)
Storage	Micro SD card (1TB); FTP/SFTP; NAS
Browser	IE 9 and later versions; Chrome 41 and later versions; Firefox 50 and later versions; Safari 10 and later versions
Mobile Client	iOS; Android

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Active Deterrence	
Light Warning	Supports white light warning; the flashing time can be configured as: 5 to 30 seconds, and the frequency can be configured as high/medium/low
Sound Warning	A total of 11 audio alarm contents, and supports importing custom audio. The sound can be configured at three levels: high/medium/low, and the duration time can be configured as 5 to 30 seconds. 110 dB.
Port	
Alarm Linkage	Capture; PTZ linkage (preset; tour; pattern); recording; alarm digital input; audio; send email
Alarm Event	Motion/Tampering detection; audio detection; network disconnection detection; IP conflict detection; SD card abnormal detection; memory space detection; tampering detection
Alarm I/O	2/1
Audio I/O	1/1
Power	
Power Supply	12 VDC, 2 A \pm 10%; PoE (802.3af)
Power Consumption	Basic: 4 W; Max: 13 W (illuminator on)
Environment	
Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Operating Humidity	\leq 95%
Protection	TVS 6000 V lightning proof; IP66; IK08; surge protection; voltage transient protection
Structure	
Casing Material	Plastic, aluminum alloy
Product Dimensions	247 mm \times 202 mm \times 359.8 mm (9.72" \times 7.95" \times 14.17") (L \times W \times H)
Net Weight	5.3 kg (11.68 lb)
Gross Weight	7.12 kg (15.70 lb)

