KM-DD2925DVPN-TS

2MP 25x Starlight IR Network PTZ Camera

- 1/2.7" 2Megapixel SONY STARVIS™.
- 25x optical zoom.
- Starlight technology.
- True-WDR 140dB.
- Max.50/60fps@2M.
- IR distance up to 180 m.
- Auto-tracking 3.0
- SMD 4.0.
- Perimeter protection, Face detection, Quick Pick.
- IP67, IK10.
- Support Ryder technology, lightning protection 5000V.

2Mp	AI-ISP	Deeplight	Perimeter Protection	AcuPick	Self-Learning

Camera				
Image Sensor	1/2.7" SONY STARVIS™			
Pixel	2 MP			
Max. Resolution	1920 (H) × 1080 (V)			
ROM	4 GB			
RAM	1 GB			
Electronic Shutter Speed	1/1 s–1/1,000,000 s			
Scanning System	Progressive			
Min. Illumination	Color: 0.001 Lux@F1.6 B/W: 0.0001 Lux@F1.6 0Lux (IR light on)			
Illumination Distance	180 m			
Illuminator On/Off Control	Zoom Prio; Manual; Smart IR; Off			
Illuminator Number	4 (IR)			
Lens				
Focal Length	4.8 mm–120 mm			
Max. Aperture	F1.6–F3.5			
Field of View	H: 58.5°–2.8°; V: 33.2°–1.5°; D: 67.5°–3.2°			
Optical Zoom	25×			
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			
DORI Distance	Detect	Observe	Recognize	Identify
	1,614 m (5,292 ft)	646 m (2,119 ft)	323 m (1,060 ft)	161 m (528 ft)
PTZ				
Pan/Tilt Range	Pan: 0° to 360° endless; Tilt: –15° to +90°; auto flip 180°			
Manual Control Speed	Pan: 0.1°/s–300°/s; Tilt: 0.1°/s–200°/s			
Preset Speed	Pan: 400°/s; Tilt: 300°/s			
Preset	300			
Tour	8 (up to 32 presets per tour)			
Pattern	5			
Scan	5			
Power-off Memory	Yes			
Idle Motion	Pattern;Preset;Scan;Tour			
Intelligence				
IVS (Perimeter Protection)	Tripwire; intrusion; climbing fences; loitering detection; abandoned/missing object; fast moving; parking detection; people gathering; vehicle/human alarm classification; linkage tracking			
Face Detection	Supports face detection, optimization, tracking, capturing pictures, uploading high-quality face snapshots, and face enhancement; Supports attributes extraction. 6 attributes and 8 expressions: Gender, age, glasses, expressions (angry, sad, hate, scary, surprise, calm, happy and confused), mask, mustache; Supports face cutout: Face, one-inch photo. Capturing strategies include real-time capturing, optimization, and quality first.			
Auto Tracking	Yes			
SMD	Yes			
Quick Pick	Yes			
Video				
Video Compression	H.264H; H.264B; Smart H.265+; H.264; H.265; MJPEG(Sub Stream); Smart H.264+			
Streaming Capability	3 streams			
Resolution	1080p (1920 × 1080); 960p (1280 × 960); 720p (1280 × 720); D1 (704 × 576); VGA (640 × 480); CIF (352 × 288)			

Video Frame Rate	Main stream: 1080P/1.3M/720p@ (1–25/30 fps) Sub stream 1: D1/VGA/CIF@ (1–25/30 fps) Sub stream 2: 720p@ (1–25/30 fps)
Bit Rate Control	CBR/VBR
Video Bit Rate	H264: 64 kbps–10496 kbps H265: 25 kbps–6400 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
Noise Reduction	2D/3D
Motion Detection	Yes
Region of Interest (RoI)	Yes
Image Stabilization	Electronic (EIS)
Defog	Electronic
Digital Zoom	16×
Image Rotation	180°
Privacy Masking	Up to 24 areas can be set, with up to 8 areas in the same view
S/N Ratio	≥ 55 dB
Audio	
Audio Compression	PCM; G.711a; G.711Mu; G.726; MPEG2-Layer2; G722.1; G729; G723
Network	
Network Port	1 × 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	ONVIF(Profile S&G&T);CGI;SDK
Streaming Method	Unicast/Multicast
User/Host	20 (total bandwidth: 64 M)
Storage	Micro SD card (Up to 512 GB); FTP; NAS
Browser	IE 9 and later versions Chrome 41 and later versions Firefox 50 and later versions
Mobile Client	iOS; Android
Management Software	KBVMS Lite; Kabe View
Port	
Audio Input	1 channel
Audio Output	1 channel
Alarm Linkage	Capture; recording; send email; preset; tour; pattern; alarm digital output
Alarm Event	Motion/Tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection
Alarm I/O	2/1
Audio I/O	1/1
Power	
Power Supply	24 VDC, 2.5 A ± 25%; PoE+ (802.3at)
Power Consumption	Basic: 13W Max: 22W(illuminator on+Heater+Fan)
Environment	
Operating Temperature	–40 °C to +70 °C
Operating Humidity	≤ 95% (RH)
Protection	IP67; IK10 TVS 6000V lightning proof; surge protection; voltage transient protection
Structure	
Product Dimensions	332 mm × Φ190 mm (13.07" × Φ7.48")
Net Weight	4.7 kg (10.36 lb)
Gross Weight	8.0 kg (17.64 lb)