INSDR2PTZ32X

2.1MP Recessed PTZ 32x with SD slot

- 1/2.8" 2Megapixel STARVIS™ CMOS
- Powerful 32x optical zoom
- Maximum 50/60 fps at 1080P
- Deep-learning-based auto tracking and area protector
- Smart Motion Detection
- PoE+
- IK10

Unify your Security Solution
Improve your levels of security by using our Starlight technology. With its optical features, Starlight Technology will be able to balance all lighting throughout a scene. This will capture any colored details regardless of the lighting.

Smart H.265+ & H.264+
STORM smart encoding technology can provide high-quality video with higher efficiency and can also reduce the cost of storage space and transmission adopting an advanced algorithm of auto stream control.

On- board Analytics
This camera responds accurately to specific events in a given area. Our algorithm enables Tripwire violations, intrusion detection, abandoned/missing objects and much more. Facilitate your viewing experience using on the edge analytics – one product, multiple features.

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Product Specifications

Camera				
Image Sensor	1/2.8" 2 Megapixel progressive scan STARVIS™ CMOS			
Effective Pixels	1920(H) x 1080(V)			
RAM/ROM	1GB / 4GB			
Scanning System	Progressive			
Electronic Shutter Speed	1/1s~1/300,000s			
Minimum Illumination	Color: 0.005 Lux at F1.35 B/W: 0.0005 Lux at F1.35			
S/N Ratio	More than 55dB			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Blacklight Compensation	BLC / HLC / WDR 120dB			
White Balance	Auto / Indoor / Outdoor / Tracking / Manual / Natural light / Street lamp			
Gain Control	Auto/Manual			
Noise Reduction	2D/3D			
Digital Zoom	16x			
Motion Detetion	Supported			
Region of Interest	Supported			
Privacy Masking	Up to 24 areas			
Digital Zoom	16x			
Defog	Electronic			
Lens				
Focal Length	4.9 mm to 156 mm			
Max. Aperture	F1.35 – F4.4			
Viewing Angle	H: 62.8°–2.2°; V: 36.7°–1.3°; D: 69.2°–2.6°			
Optical Zoom	32x			
Focus Control	Auto / Semi-Auto / Manual			
DORI Distance	Detect	Observe	Recognize	Identify
	2152 m (7060.37 ft)	850 m (2788.71 ft)	430 m (1410.76 ft)	215 m (705.38 ft)
Video				
Compression	H.265+; H.265; H.264+; H.264; H.264B; H.264M; H.264H; MJPEG (Sub Stream)			
Resolution	1080P (1920 × 1080); 1.3M (1280 × 960); 720P (1280 × 720); D1 (704 × 576); CIF (352×288)			
Frame Rate	Main stream: 1080P / 1.3MP / 720P (1–50/60 fps)			
	Sub Stream 1: D1/CIF (1–25/30 fps)			
	Sub Stream 2: 720P (1–25/30 fps)			
Bit Rate	H.264: 3 Kbps–20480 Kbps H.265: 3 Kbps–20480 Kbps			
Audio				
Compression	G.711a; G.711Mu; G.726; AAC; MPEG2-Layer2; G722.1; G729; G723			
Audio In/Out	1/1 (Line Out; bare wire)			
Two-way Audio	Supported			
Alarm				
Alarm In/Out	2/1			

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Product Specifications

PTZ	
Pan/Tilt Range	Pan: 0°–360° endless Tilt: 0° to +90°, auto flip 180
Manual Control Speed	Pan: 0.1°/s–350°/s; Tilt: 0.1°/s–250°/s
Preset Speed	Pan: 500° /s; Tilt: 500° /s
Presets	300
PTZ Mode	5 Patterns, 8 Tours, 5 Scans
Speed Setup	Human-oriented focal Length / speed adaptation
Idle Motion	Preset / Tour / Pattern / Scanning
Intelligent Functions	
Event Triggers	Motion detection, video tampering, scene changing, Network disconnection, IP address conflict, illegal access, and storage anomaly.
Smart Capture	Supports human, motor vehicle and non-motor vehicle image capture.
Area Protector	Tripwire and intrusion. Support alarm triggering by target types (human and vehicle). Supports filtering false alarms caused by animals, rustling leaves, bright lights, etc.
Face Detection	Supported
Auto Tracking	Supported
Smart Motion Detection	Supported
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4; IPv6; HTTP; HTTPS; 802.1x; Qos; FTP; SMTP; UPnP; SNMPv1/v2c/v3 (MIB-2); DNS; DDNS; NTP; RTSP; RTP; TCP; UDP; IGMP; ICMP; DHCP; PPPoE; ARP; RTCP
Storage	FTP; NAS; Micro SD card up to 256GB
Video Management Software	STORM, STORM+, ARKIV
Compatibility	CGI
Maximum User Access	20 Users
Smart Phone	iOS, Android
General	
Power Supply	DC24V/2.5A; PoE+ (802.3at)
Power Consumption	Basic: 10W; Max: 16W
Working Environment	–30°C to +60°C (–22°F to +140°F); Less than 95% RH
Protection	IK10; 6000V lightning proof; surge protection; voltage transient protection
Dimensions	Φ186 mm x 253 mm (Φ7.32" x 9.96")
Weight	8.16 lbs (3.7kg)

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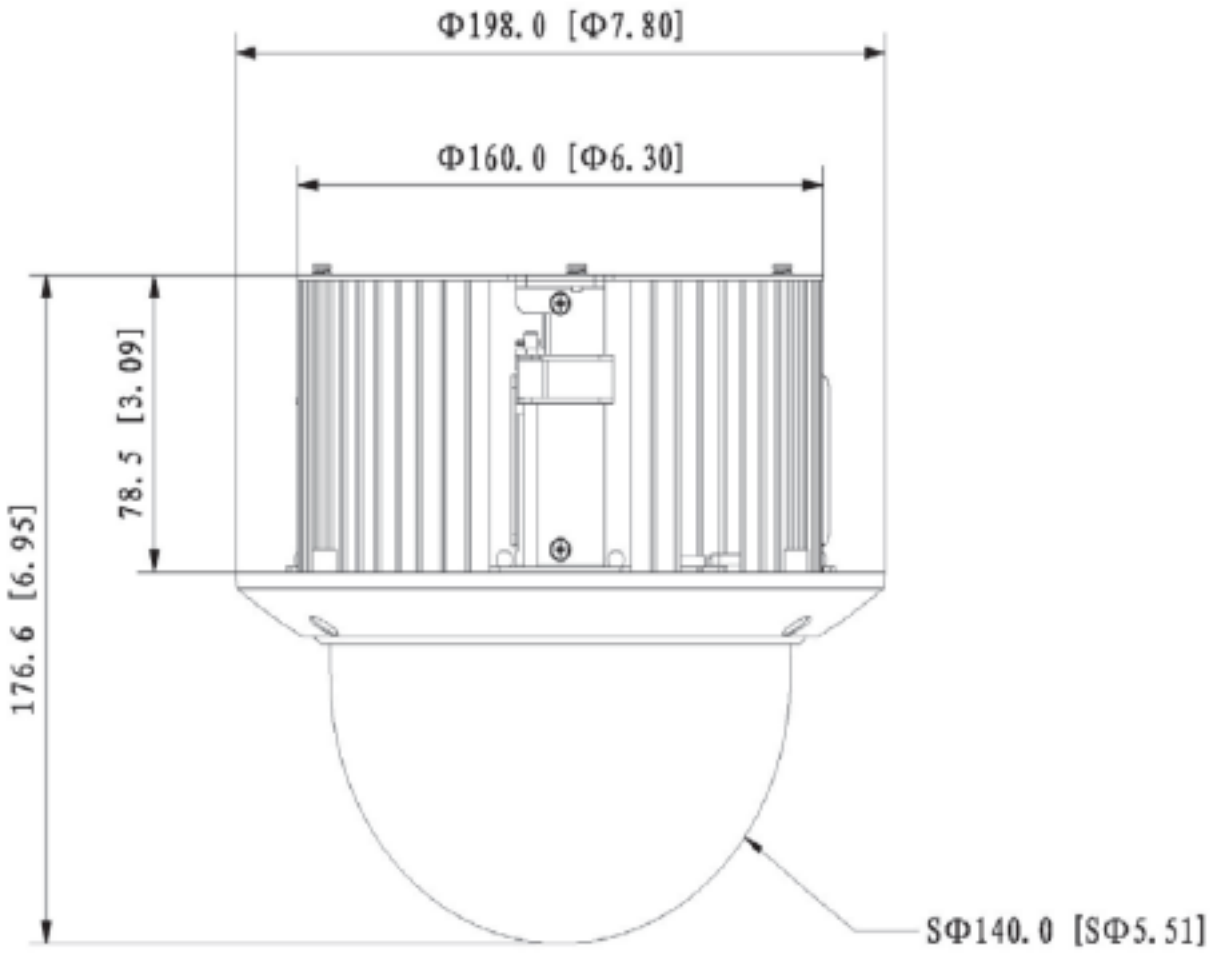
Product Specifications

VUSD256G
Micro SD Card



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