

4MP, 25x, WDR, LIGHTHUNTER, PTZ DOME



4MP 25x PTZ

IPCSD425X

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > LightHunter illumination technology ensures ultra-high quality with 4MP, 2688 x 1520 Resolution, with Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage
- > Ultra-Powerful, Smart IR LED Lights for 0 Lux Night Time Operation up to 328 Feet
- > 4.8 ~ 120mm, 25x Optical motorized zoom and automatic focus lens
- > TRUE Day/Night and WDR functionality for all Lighting Conditions
- > Two-way Audio, Backlight Compensation and 3D DNR (Digital Noise Reduction)
- > High Speed up to 240°/sec and up to 1024 Preset Positions
- > Triple Video Streams; ONVIF Profile Series Compliant; & Intelligent perimeter protection with Smart Intrusion Detection Analytics
- > IP67 / IK10 Weather / Vandal Resistant Housing and PoE & 12VDC Power Options
- > Includes Wall Mount, with optional Junction Box, Pole & Corner Mounts Available
- > Built-in Micro-SD Card Slot enables local storage up to 256GB
- > Supported by uniview tec Guard Station Software and Guard Viewer Mobile App's for iPhone and Android Device

www.univiewtechnology.com



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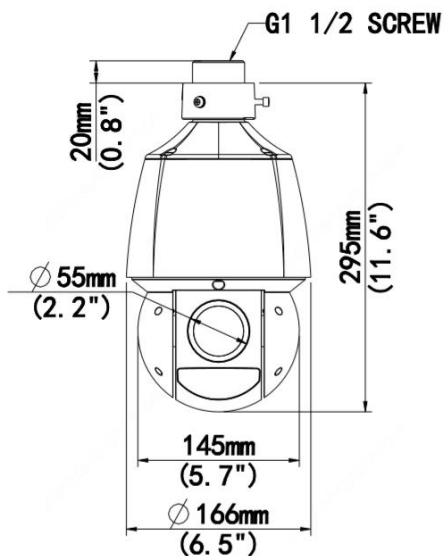
Specifications

Camera					
Sensor	1/2.8" 4MP, progressive scan CMOS				
Minimum illumination	Color: 0.003 lux (F1.5, AGC ON); 0 lux with IR on				
True Day / Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto / Manual, 1 ~ 1/100000s				
WDR	120dB				
S/N	>56dB				
Lens					
Lens	4.8 ~ 120mm, AF automatic focusing and motorized zoom lens				
Optical / Digital Zoom	25 / 16				
Iris	Auto; F1.5 ~ F3.8				
Field of View (H)	52.20°~2.74°				
Field of View (V)	30.81°~1.54°				
Field of View (D)	64.20°~3.23°				
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4.8	119.3 (391.2ft)	47.7 (156.5ft)	23.9 (78.2ft)	11.9 (39.1ft)
	120	2475.0 (8120.1ft)	990.0 (3248.0ft)	495.0 (1624.0ft)	247.5 (812.0ft)
Illuminator					
IR Range	Up to 100m (328ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Frame Rate	Main Stream: 4MP (2688 x 1520), Max 30fps Sub Stream: 2MP (1920 x 1080), Max 30fps Third Stream: D1 (720 x 576), Max 30fps;				
Video Bit Rate	128 Kbps~16 Mbps				
U-code / ROI	Support				
OSD	Up to 8 OSDs				
Privacy Mask	24 areas, up to 4 areas per scene				
Video Stream	Triple streams				
Image					
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2				
Digital Noise Reduction	2D / 3D DNR				
Smart IR	Support				

Flip	Normal / Vertical / Horizontal / 180° / 90°Clockwise / 90°Anti-clockwise
HLC	Support
BLC	Support
Defog	Digital Defog
Intelligence	
Smart intrusion prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Face Capture	Support, Face attributes: Gender, Age range, Glasses, Mask
People Counting	Support people flow counting and crowd density monitoring
Events	
Basic Detection	Motion detection, Audio detection, Tampering Alarm
Auto Tracking	Support
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way audio	Support
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API,SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	Guard Station, Guard Viewer
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
Pan & Tilt	
Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 200°/s
	Preset speed: 240°/s
Tilt Range	-15° ~ 90° (auto reverse)
Tilt Speed	0.1°/s ~ 120°/s
	Preset speed: 200°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol

Route Patrol	16 patrols, up to 32 actions for each patrol
Recorded Patrol	16 patrols, up to 128 actions for each patrol
Patrol Stay Time	15s~1800s
Preset Image Freeze	Support
Home Position	Support
Interface	
Audio I/O	1 / 1
Alarm I/O	2 / 1
Serial Port	1 x RS485
Network	1 x RJ45 10M/100M Base-TX Ethernet
Video Output	1 x BNC
General	
Power	DC 12V ($\pm 25\%$, 3A), PoE (IEEE 802.3at); Power consumption: Max 21W
Power Interface	\varnothing 5.5mm coaxial power plug
Dimensions ($\varnothing \times H$)	$\varnothing 166 \times 295\text{mm}$ ($\varnothing 6.5'' \times 11.6''$)
Weight	3.05kg (6.72lb)
Working Environment	-40°C ~ 70°C (-40°F ~ 158°F), Humidity: $\leq 95\%$ RH (non-condensing)
Surge Protection	4KV
Conformity Certifications	IP67, IK10, CE, FCC

Dimensions



Includes a Wall Mount (not shown)

Accessories

See Camera Accessories Guide