

4MP, 16x, WDR, LIGHTHUNTER, PTZ DOME



4MP 16x PTZ

IPCSD416X

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > Light Hunter 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 Nighttime Operation up to 328 Feet
- > 5.5 ~ 88mm, 16x Optical motorized zoom and 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
- > Dual Video Streams; ONVIF Profile Series Compliant; with Motion Detection
- > IP66 / IK10 Weather / Vandal Resistant Housing and PoE & 12VDC Power Options
- > Wall, Pole & Corner Mounts Available
- > Built-in Micro-SD Card Slot enables local storage up to 512GB
- > Supported by Uniview tec Guard Station Software and Guard Live or Guard Viewer Mobile App's for iPhone and Android Device

www.univiewtechnology.com



UVT70451024-00

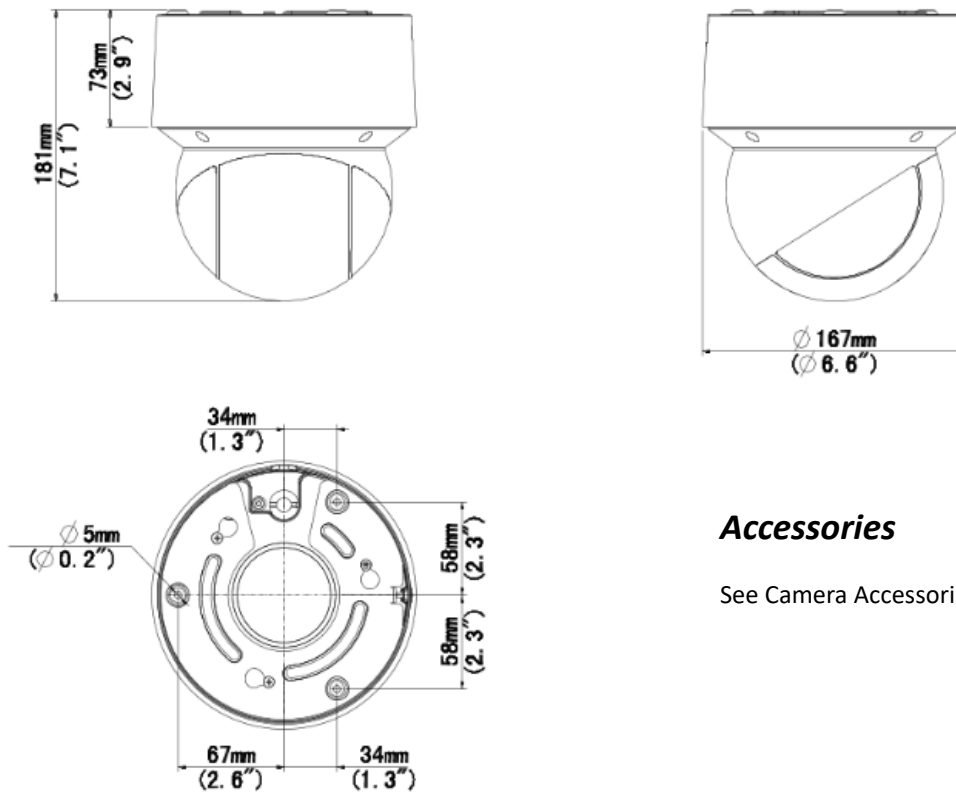
Specifications

Camera					
Sensor	1/2.9" 4MP, CMOS				
Minimum illumination	Color: 0.005 lux (F1.78, 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	5.5 ~ 88mm				
Optical / Digital Zoom	16x				
Iris	F1.78-F3.73				
Field of View (H)	50.85°~3.47°				
Field of View (V)	29.94°~1.95°				
Field of View (D)	62.55°~4.09°				
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	5.5	127.6m (418.6 ft)	51.1m (167.4 ft)	25.5m (83.7 ft)	12.8 (41.9 ft)
	88	2048m (6720.5 ft)	819.4m (2688.2 ft)	409.7m (1344.1 ft)	204.8 (672 ft)
Illuminator					
IR Range	Up to 100m (328ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Video					
Video Compression	H.265, H.264, MJPEG				
Frame Rate	Main: 4MP (2688 x 1520), Max 30fps Sub: 720P (1280 x 720), Max 30fps				
Video Bit Rate	128 Kbps~16 Mbps				
U-code / ROI	Support				
OSD	Up to 4 OSDs				
Privacy Mask	24 areas, up to 4 areas per scene				
Video Stream	Dual 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°				

HLC	Support
BLC	Support
Defog	Digital Defog
Intelligence	
Smart intrusion prevention	Support false alarm filtering: Cross Line detection and Intrusion detection
Events	
Basic Detection	Motion detection, Audio detection, Tampering Alarm
Auto Tracking	Support
General Function	Watermark, IP Address Filtering, Alarm input, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	128 Kbps
Two-way audio	Support
Suppression	Support
Sampling Rate	16 kHz
Storage	
Edge Storage	Micro SD, up to 512GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IPv4; IPv6; IGMP; RTP; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; 802.1x; SNMP; QoS; SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
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, Guard Live
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 ~ 240°/s
Tilt Range	-5° ~ 90° (auto flip)
Tilt Speed	0.1°/s ~ 120°/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
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
General	
Power	DC 12V ($\pm 10\%$, 3A), PoE+ (IEEE 802.3at); Power consumption: Max 23W
Power Interface	\varnothing 5.5mm coaxial power plug
Dimensions ($\varnothing \times H$)	$\varnothing 167 \times 181\text{mm}$ ($\varnothing 6.6'' \times 7.1''$)
Weight	2.3Kg (5.07lb)
Environment	$-40^{\circ}\text{C} \sim 70^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim 158^{\circ}\text{F}$), Humidity: $\leq 95\%$ RH (non-condensing)
Surge Protection	6KV
Conformity Certifications	IP66, IK10, CE, FCC

Dimensions



Accessories

See Camera Accessories Guide