5MP, LIGHTHUNTER, WDR, IR, INTELLIGENT VANDAL

NDAA
COMPLIANT

5MP Fixed Lens Vandal

IPV5M28X

> Fully Adheres to National Defense Authorization Act (NDAA) Guidelines

> Exceptional Video Quality with 4MP, 2880 x 1620 Resolution

> Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements

> LightHunter Technology ensure ultra-high image quality in low illumination environment

> Powerful, Smart IR LED Lights for 0 Lux Night Time Operation up to 131 Feet

> 2.8mm fixed, wide-angle lens; and Two-way Audio with Built-in Microphone

> TRUE Day/Night and WDR (130db) functionality for all Lighting Conditions

> Backlight Compensation, Corridor Mode, Defog and 3D DNR (Digital Noise Reduction)

> Triple Video Streams; ONVIF Profile S Compliant and Built-in Micro-SD Card Slot enables local storage up to 256GB

> Intelligent perimeter protection such as attribute collection with color retrieval, cross line and people counting, and smart intrusion prevention technology for significantly reduced false alarms when focusing on humans and motor vehicles

> 3-Way Axis, IP67 Weather Resistant Housing and PoE & 12VDC Power Options

> Supported by uniview tec Guard Station Software and Guard Viewer Mobile App's for iPhone and Android Device
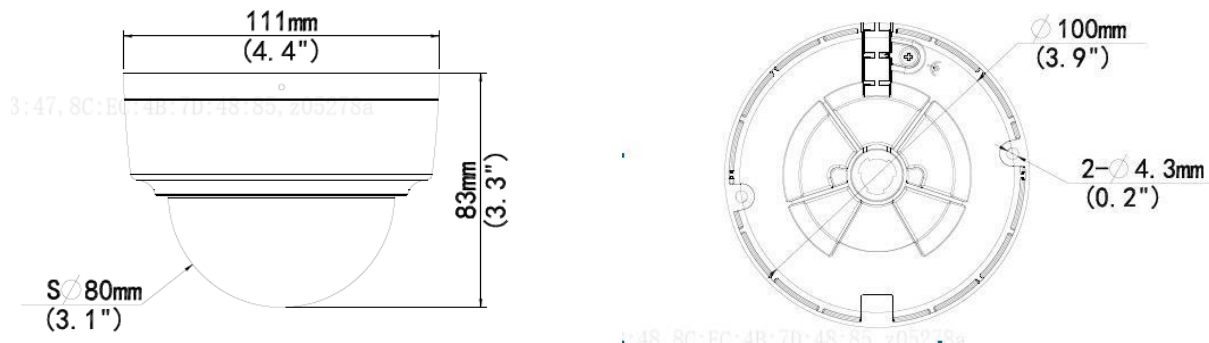
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UVT70350124-00

Specifications

Camera	
Sensor	1/2.7" 5MP, progressive scan CMOS
Minimum illumination	Color: 0.002 lux (F1.6, AGC ON); 0 lux with IR on
True Day / Night	IR-cut filter with auto switch (ICR)
Shutter	Auto / Manual, 1 ~ 1/100000s
Adjustment angle (3-way Axis)	Pan: 0° ~ 352°; Tilt: 0° ~ 70°; Rotate: 0° ~ 350°
WDR	130dB
S/N	>56dB

Lens	
Lens	2.8mm @ F1.6
Iris	Fixed
Field of View (H)	110.71°
Field of View (V)	56.39°
Field of View (O)	114.11°

DORI				
DORI Distance	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	63	25.2	12.6	6.3

Illuminator	
IR Range	Up to 40m (131ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual

Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 5MP (2880 x 1620), Max 30fps; 4MP (2560 x 1440), Max 30fps; 3MP (2304 x 1296), Max 30fps; 1080P (1920 x 1080) Sub Stream: 1080P (1920 x 1080), Max 30fps; 720P (1280 x 720) Max 30fps; D1 (720 x 576), Max 30fps; 640 x 360, Max 30fps; 2CIF (704 x 288), Max 30fps; CIF (352 x 288), Max 30fps Third Stream: D1 (720 x 576), Max 30fps; 640 x 360, Max 30fps; 2CIF (704 x 288), Max 30fps; CIF (352 x 288), Max 30fps
Video Bit Rate	128 Kbps~16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Triple

Image	
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2

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Digital Noise Reduction	2D / 3D DNR
Smart IR	Support
Flip	Normal / Vertical / Horizontal / 180° / 90°Clockwise / 90°Anti-clockwise (Corridor)
HLC	Supported
BLC	Supported
Defog	Digital Defog
Auto Scene Match (ASM)	Support (Only WDR)

Intelligent Analytics

Smart Intrusion Prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Recognition	Face capture
Attribute Collection	Color retrieval
Statistical Analysis	People counting, support people flow counting and crowd density monitoring

Intrusion Events

Basic Detection	Motion detection, Ultra motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, tampering alarm, 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	8KHZ

Storage

Edge Storage	Micro SD, up to 256GB
Network Storage	ANR

Network

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, QoS, SSL/TLS, SNMP, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
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; Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above

Interface

Audio I / O	Input: impedance 35kΩ; amplitude 2V [p-p]; Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I / O	1 /1

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Built-in Mic	Support
Network	1 * RJ45 10M/100M Base-TX Ethernet
General	
Power	DC 12V±25%, PoE (IEEE 802.3af); Power consumption: Max 6.5W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø × H)	Ø 111 x 83mm (Ø 4.4 x 3.3")
Weight	0.42kg (0.93lb)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Conformity Certifications	IP67, IK10, CE, FCC

Dimensions

Accessories

See Camera Accessories Guide

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