

## **4 x 5MP, Light Hunter, AI, IR, VANDAL DOME**



*Varifocal Lens Turret Dome*

### **IPV54213MX**

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > Light Hunter Illumination technology ensures color image up to 0.002 Lux (F1.2, AGC ON)
- > Exceptional Video Quality with 5MP, 2880 x 1620 Resolution
- > Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements
- > Powerful, Smart IR LED Lights for 0 Lux Nighttime Operation up to 164 Feet
- > 4x 2.7-12mm Motorized Varifocal Auto-focus Lenses; ONVIF Profile S Compliant
- > TRUE Day/Night and WDR functionality for all Lighting Conditions
- > Triple Video Streams, Built-in mic, Digital Defog, Corridor Mode and 3D DNR
- > Intelligent, smart intrusion prevention technology for significantly reduced false alarms when focusing on humans and motor vehicles
- > Included Power Supply and Pendant Mounts Available
- > Built-in Micro-SD Card Slot enables local storage up to 512GB
- > 4 Independent Lenses, IP67 Weather Resistant and IK10 Vandal Resistant Rated Housing
- > Supported by uniview tec Guard Station Software, as well as Guard Live and Guard Viewer Mobile App's for iPhone and Android Devices

[www.univiewtechnology.com](http://www.univiewtechnology.com)

## Specifications

Camera	Description
Max Resolution	5MP x 4 channels
Sensor	1/2.7" CMOS
Min. Illumination	Color: 0.002 lux (F1.2, AGC ON); 0 Lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 65°, Rotate: 0° ~ 355°
S/N	>56dB
WDR	130dB
Lens	Description
Focal Length	2.7 ~ 13.5 mm
Iris Type	Fixed
Iris	F1.2 x 4
Field of View (H)	(W)110.3° ~ (T)31°
Field of View (V)	(W)57.1° ~ (T)17.5°
Field of View (D)	(W)130.2° ~ (T)67.4°
DORI	Description
DORI Distance(Detect)	70.9m ~ 247.5m(232.5ft ~ 812.0ft)
DORI Distance(Observe)	28.4m ~ 99.0m(93.0ft ~ 324.8ft)
DORI Distance(Recognize)	14.2m ~ 49.5m(46.5ft ~ 162.4ft)
DORI Distance(Identify)	7.1m ~ 24.8m(23.3ft ~ 81.2ft)
Illuminator	Description
Supplemental Light	IR
Illumination Distance(IR)	50 m (164 ft)
Wavelength	850 nm
IR On/Off Control	Auto/Manual
Video	Description
Video Compression	H.265; H.264; MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	Main: 5MP (2880*1620) @30fps; 4MP (2688*1520) @30fps; 4MP (2560*1440) @30fps; 3MP (2304*1296) @30fps; 1080P (1920*1080) @30fps; 720P (1280*720) @30fps Sub: 720P (1280*720) @30fps; D1 (720*576) @30fps; 640*360 @30fps;
Video Bit Rate	128 Kbps ~ 16 Mbps * 4 Channels
U-code	Support
OSD, Privacy Mask	Up to 10 * 4 Channels
ROI	Up to 8 * 4 Channels
Video Stream	Triple Streams

# IPV4ES28BX Vandal Dome

# IP CAMERAS

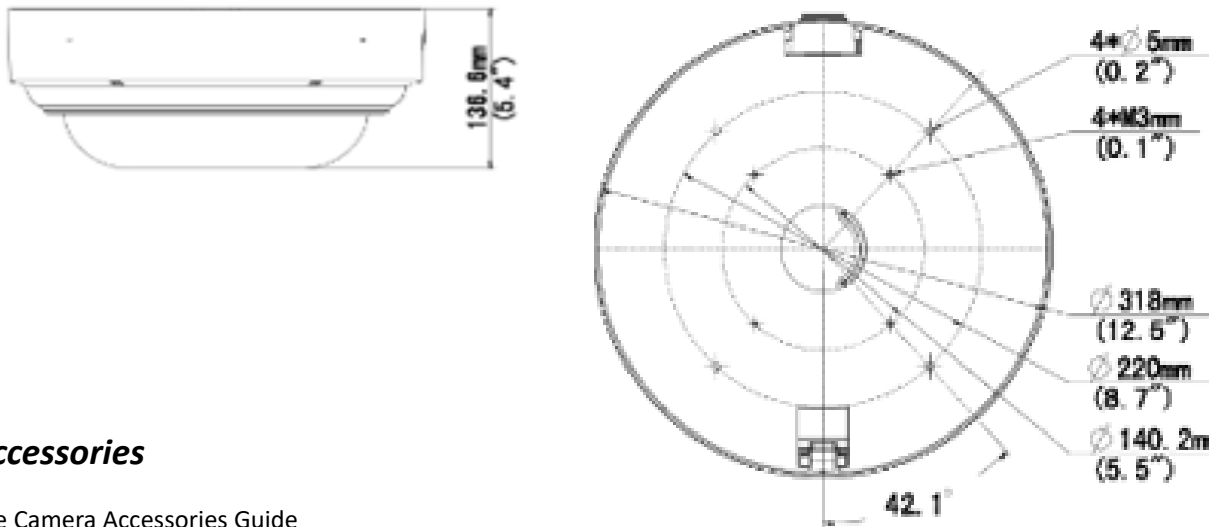
Image	Description
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180°; 90°Clockwise; 90°Anti-clockwise
Defog	Digital Defog
Events	Description
Basic Detection	Cross Line, Intrusion, Enter Area, Leave Area, People Flow Counting, Crowd Density, Face Capture; Motion Detection; Ultra Motion Detection; Tampering Alarm; Audio Detection
General Function	Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication
Audio	Description
Audio Compression	G.711U; G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 KHz
Storage	Description
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR; NAS (NFS)
Network	Description
Protocols	IPv4; IPv6; IGMP; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; 802.1x; SNMP; QoS; SSL/TLS; SSH
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 Live, Guard Viewer, Guard Station
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	Description
Audio I/O	1 Input: impedance 1kΩ, amplitude 2.5V [p-p]; 1 Output: impedance 600Ω, amplitude 2.5V [p-p]
Alarm I/O	3/2
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A

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# IP CAMERAS

Network	1 x RJ45 10M/100M/1000M Base-TX Ethernet
Video Output	N/A
Certification	Description
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035) FCC (FCC 47 CFR part15 B)
Safety	CE LVD (EN 62368-1); UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);
Protection	IK10 (IEC 62262), IP67 (IEC 60529)
General	Description
Power	DC 24V±25%, AC 24V±25%, PoE (IEEE 802.3bt); Max 48.7W
Power Interface	Wires with cold-pressed thermal
Dimensions	Φ318 x 136mm (Φ12.52" x 5.38")
Weight	4.77kg (10.52lb)
Material	Metal + Plastic
Working Environment	-30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-40 °C ~ 70 °C (-40 °F ~ 158 °F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV

## Dimensions



## Accessories

See Camera Accessories Guide