

## **4MP, TRUE DAY/NIGHT, WDR, IR VANDAL DOME**



### *Varifocal Lens Vandal Dome*

## **IPV4U212MX**

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > Exceptional Video Quality with 4MP, 2560 x 1440 Resolution
- > Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements
- > Powerful, Smart IR LED Lights for 0Lux Night Time Operation up to 164 Feet
- > 2.8 ~ 12mm motorized varifocal, automatic focus lens
- > TRUE Day/Night and WDR functionality for all Lighting Conditions
- > Backlight Compensation and 3D DNR (Digital Noise Reduction)
- > Triple Video Streams; ONVIF Profile S Compliant
- > Powerful Video Analytics such as Intrusion, Tampering, Audio and Human Body Detection
- > PoE & 12VDC Power Options
- > Built-in Micro-SD Card Slot enables local storage up to 512GB
- > IK10, IP67 Weather Resistant Housing
- > Supported by uniview tec Guard Station Software and Guard Viewer Mobile App's for iPhone and Android Devices

## Specifications

Camera	Description
Sensor	1/2.7" CMOS
Min. Illumination	Color: 0.005Lux (F1.8, 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: 3° ~ 360°, Tilt: 0° ~ 70°, Rotate: 3° ~ 360°
S/N	>52dB
WDR	120dB
Lens	Description
Focal Length	2.8 ~ 12 mm
Iris	F1.8
Field of View (H)	102.79°~ 30.86°
Field of View (V)	54.50°~ 17.49°
Field of View (D)	106.94°~35.49°
DORI	Description
DORI Distance (Lens)	2.8mm, 12mm
DORI Distance (Detect)	63.0m(206.7ft), 270.0m(885.8ft)
DORI Distance (Observe)	25.2m(82.7ft), 108.0m(354.3ft)
DORI Distance (Recognize)	12.6m(41.3ft), 54.0m(177.2ft)
DORI Distance (Identify)	6.3m(20.7ft), 27.0m(88.6ft)
Illuminator	Description
Supplemental Light	IR
Illumination Distance (IR)	50 m (164.0 ft)
Wavelength	850 nm
IR On/Off Control	Auto/Manual
Video	Description
Video Compression	H.265; H.264
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps;
Video Bit Rate	128 Kbps ~ 6144 Kbps
U-code	Support
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Dual Streams
Image	Description

# IPV4U212MX Vandal Dome

# IP CAMERAS

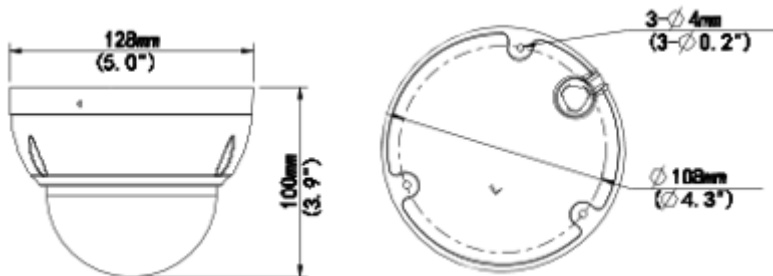
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180°; 90°Clockwise; 90°Anti-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital Defog
<b>Events</b>	<b>Description</b>
Basic Detection	Intrusion (based on Human Body Detection); Motion Detection; Tampering Alarm; Audio Detection
General Function	Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication
<b>Audio</b>	<b>Description</b>
Audio Compression	G.711U; G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support
Sampling Rate	8 KHz
<b>Storage</b>	<b>Description</b>
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR; NAS (NFS)
<b>Network</b>	<b>Description</b>
Protocols	IPv4; IPv6; IGMP; ICMP; ARP; TCP; UDP; DHCP; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; SSL/TLS; QoS; SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T); API
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
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
<b>Interface</b>	<b>Description</b>
Audio I/O	N/A
Alarm I/O	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 x RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
<b>Certification</b>	<b>Description</b>

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# IP CAMERAS

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) CB (IEC 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);
Protection	IP67 (IEC 60529) IK10 (IEC 62262)
<b>General</b>	<b>Description</b>
Power	DC 12V±25%, PoE (IEEE 802.3af); Max 6.0W
Power Interface	Ø 5.5 mm coaxial power plug
Dimensions	Ø128 x 100mm (Ø5.0" x 3.9")
Weight	0.56kg (1.23lb)
Environment	-30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Reset Button	Support

## Dimensions



## Accessories

See Camera Accessories Guide