

3MP+3MP Dual-Lens 4G Outdoor PT Camera

Uho-P2SG-M33F34-EU



Features

- Fixed camera and PTZ camera integration, dual channels with one IP, look at overall situation and consider details at the same time
- 2304*1296@15fps in the main stream
- Support 4G access to the network
- Support digital WDR (Wide Dynamic Range)
- Built-in Mic & Speaker, support two-way audio, offer better interaction
- Support sound and light warning, makes warning and alarming more noticeable
- Smart IR, up to 30 m (98 ft) IR and 30m (98ft) warm light distance, suitable for more scenes
- IR & warm light illumination to deal with different scenes and achieve full-color illumination
- Supports 512 GB Micro SD card
- IP66 ingress protection

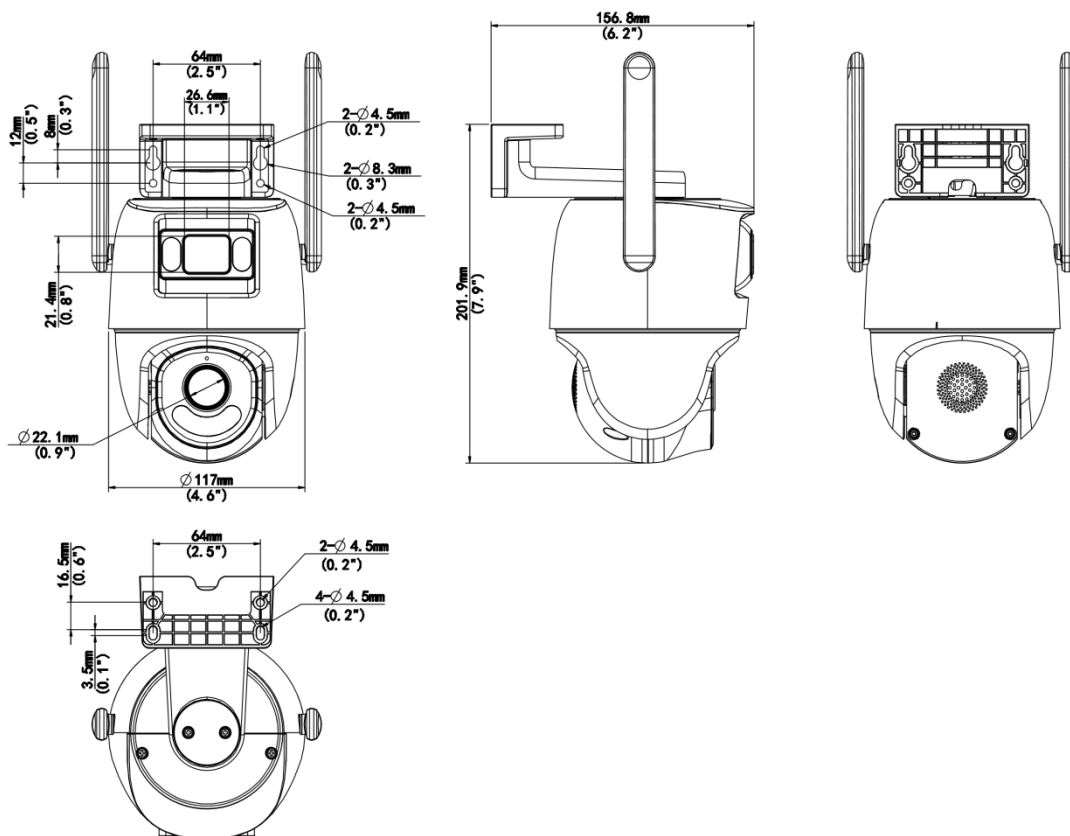
Specifications

Channel	Panorama		Detail
Camera			
Sensor	1/3.0" CMOS		
Min. Illumination	Colour: 0.003 lux (F1.6, AGC ON) 0 lux with IR		
Day/Night	IR-cut filter with auto switch (ICR)		
Shutter	Auto/Manual, 1 to 1/100000 s		
S/N	> 52 dB		
WDR	DWDR		
Lens			
Iris	F1.6		
Field of View (H)	85.9°	74.3°	
Field of View (V)	47.2°	39.3°	
Field of View (D)	97.5°	79.9°	
Lens Type	Fixed		
DORI			
DORI Distance (Lens)	2.8mm	4.0mm	
DORI Distance (Detect)	46.7 (153.1ft)	66.7 (218.7ft)	
DORI Distance (Observe)	18.7 (61.2ft)	26.7 (87.5ft)	
DORI Distance (Recognize)	9.3 (30.6ft)	13.3 (43.7ft)	
DORI Distance (Identify)	4.7 (15.3ft)	6.7 (21.9ft)	
Illuminator			
Light On/Off Control	Auto/Manual		
Illumination Distance (IR)	30 m (98.4 ft.)		
Illumination Distance (Warm Light)	30 m (98.4 ft.)		
Wavelength	850 nm		
Video			
Frame Rate-Main Stream	3MP (2304*1296), Max 15fps; 2MP (1920*1080), Max 15fps; 720P (1280*720), Max 15fps;		
Video Compression	H.265, H.264		
Frame Rate-Sub Stream	640*360, Max 15fps; 2CIF (704*288), Max 15fps; CIF (352*288), Max 15fps;		
Video Bit Rate	128 Kbps to 1536 Kbps		
ROI	Support		
OSD	Up to 4 OSDs		
Privacy Mask	Up to 4 areas		
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, Flip vertical, Flip horizontal, 180°	
BLC	Support	
Defog	Digital defog	
Events		
Basic Detection	Ultra motion detection (human/ vehicle detection) , High-Decibel detection, Tampering alarm	
General Function	IP address filtering, RTSP authentication, HTTP authentication	
Intelligent		
Auto Tracking	Support	
Audio		
Audio Compression	G.711A, G.711U	
Audio Bitrate	64 Kbps	
Two-way Audio	Support	
Suppression	Support	
Sampling Rate	8 kHz	
Storage		
Edge Storage	MicroSD, up to 512 GB	
Network Storage	ANR	
Network		
Protocols	IPv4, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, DNS, DDNS, NTP, HTTP, Websocket	
4G Card Type	Nano-SIM	
4G Network Standard	LTE-FDD	
4G Network Frequency	LTE-FDD: B1/B3/B5/B7/B8/B20/B28	
Compatible Integration	API	
Client	APP, Uniarch client	
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+	
PTZ		
Pan Range	-150° ~ 150°	0° ~ 350°
Pan Speed	N/A	1°/s ~ 40°/s
Tilt Range	-5° ~ 30°	0° ~ 90°
Tilt Speed	N/A	1°/s ~ 30°/s
Number of Presets	20	
Interface		
Built-in Mic	Support	
Built-in Speaker	Support	
Network	1 × RJ45 10 M/100 M Base-TX Ethernet	
Certification		
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130) FCC (FCC 47 CFR part15 B)	
RF	FCC ID (FCC CFR 47 part15 C) CE RED (EN 301 489-1, EN 301 489-17, EN 300 328, EN IEC 62311)	
Safety	CE LVD (EN IEC 62368-1)	
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);	
Protection	IP66 (IEC 60529)	

General	
Power Consumption	10.5W
Power	DC 12V ± 25%
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Φ117.0mm*201.9mm (Φ4.6"x 7.9")
Weight	0.61kg (1.34lb)
Working Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
LED Indicator	1, red/blue

Dimensions



Zhejiang Uniview Technologies Co., Ltd.

<http://www.uniview.com>



overseasbusiness@uniview.com; globalsupport@uniview.com



No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China



©2026 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

*Product specifications and availability are subject to change without notice.

*Despite our best efforts, technical or typographical errors may exist in this document.

Uniview cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.