3MP HD Dual Light Network PT Camera

Uho-P1A-M3F4D

Key Features

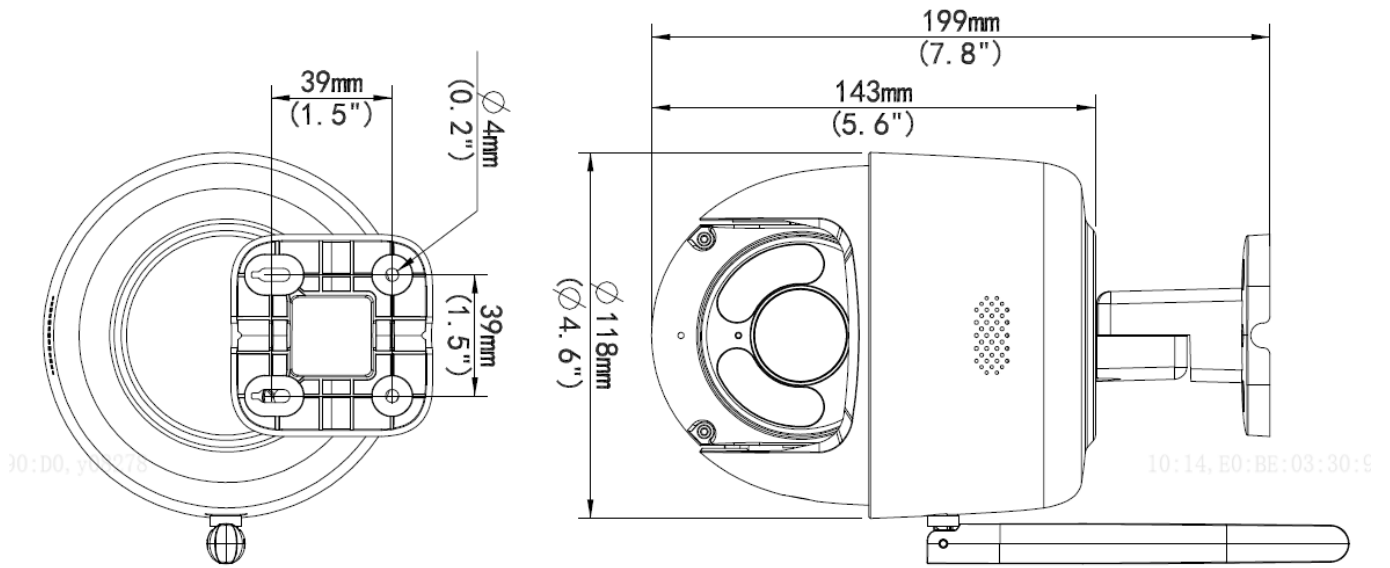| 3MP | Human Body Detection | intrusion detection | cross line detection | Built-in Mic | Edge Storage | Smart IR | IP66 |

- 2304*1296@20fps in the main stream

- Ultra 265, H.265, H.264

- Support cross line detection and intrusion detection

- 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 (98 ft) warm light distance, suitable for more scenes

- Self-contained bracket, support two kinds of mounting

- Supports 256 GB Micro SD card

- Wi-Fi connection and easy installation

- IP66 ingress protection

- The front face is made of grapheme, which has better heat dissipation and more environmental protection

Specifications

Camera	Uho-P1A-M3F4D
Sensor	1/2.8" progressive scan, 3.0 megapixel, CMOS
Min. Illumination	Colour:0.005 lux (F1.6,AGC ON) 0 lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, shutter time: 1s ~ 1/100000s
WDR	Digital
S/N	>52 dB

Lens	
Lens type	4mm
Digital Zoom	4
Iris	Fixed; F1.6
Field of View (H)	90.5°
Field of View (V)	44.4°
Field of View (D)	111.3°

DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4mm	73.5 (241.0ft)	29.4 (96.4ft)	14.7 (48.2ft)	7.3 (24.1ft)

Illuminator	
IR Range	Up to 30m (98ft)
Warm Light Range	Up to 30m (98ft)
Wavelength	850nm
IR On/Off Control	Auto/Manual

Video	
Video Compression	Ultra 265, H.265, H.264
Frame Rate	Main Stream: 3MP (2304*1296), Max 20fps; Sub Stream: 640*360, Max 20fps;
Video Bit Rate	128 Kbps ~ 6 Mbps
ROI	Support
Video Stream	Dual streams
OSD	Up to 2 OSDs
Privacy Mask	Up to 4 areas

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°
HLC	Support
BLC	Support
Defog	Digital Defog

Intelligent	
Behavior Detection	Cross Line detection, Intrusion detection

Human Body Detection	Support
Events	
Basic Detection	Motion detection, Audio detection
Auto tracking	Support
General Function	Access Policy, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U,G.711A
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR
Network	
Protocols	IPv4, TCP, UDP, DHCP, RTSP, DNS, DDNS, NTP, HTTP, HTTPS, 802.1x , SSL
Compatible Integration	ONVIF (Profile S, Profile G), API
Web Browser	Plug-in required live view: IE 10 and above
Pan & Tilt	
Pan Range	0° ~ 345°
Pan Speed	1°/s ~ 40°/s
	Preset speed: 40°/s
Tilt Range	0° ~ 90°
Tilt Speed	1°/s ~ 30°/s
	Preset speed: 30°/s
Number of Presets	256
Home Position	Support
Interface	
Built-in Mic	Support
Built-in Speaker	Support
Wi-Fi	Support
Network	1 * RJ45 10M/100M Base-TX Ethernet
General	
Power	DC 12V ± 25%
	Power consumption: Max 10W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Φ118mm*118mm*199mm (Φ4.6"x 4.6"x 7.8")
Weight	0.53kg (1.17lb)
Working Environment	-30°C ~ 60°C (-22°F to 140°F), Humidity:≤95% RH(non-condensing)
Surge Protection	4KV
Reset Button	Support
Protection	Ingression protection: IP66
	Vandal resistant: N/A

Dimensions

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