

Uho-P1A-M3F4D

Wi-Fi Camera Uho-P1A-M3F4D 3mp

- High quality image with 3MP, 1/2.8"CMOS sensor
- 2304*1296@20fps in the main stream
- Ultra 265, H.265, H.264
- 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 10m (33 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

Megapixel	3 MP
Night vision distance	10 M
Sound	Two-way audio
Micro SD	256 GB



Detailed

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@F1.6				
Digital Zoom	4				
Iris	Fixed				
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 10m (33ft)				
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~6144 Kbps
ROI	Up to 8 areas
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	N/A
BLC	N/A
Defog	Digital Defog
Events	
Basic Detection	Cross line, intrusion(based on human body detection), Human body detection, Motion detection, Audio detection
Auto tracking	Support
General Function	IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
Audio	
Audio Compression	G.711U,G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz

Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR
Network	
Wi-Fi	2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna
Protocols	IPv4, TCP, UDP, DHCP, RTSP, DNS, DDNS, NTP, HTTP
Compatible Integration	API
Client	Uniarch Client Uniarch APP
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
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	20
Home Position	Support
Interface	
Built-in Mic	Support
Built-in Speaker	Support
Wi-Fi	Support

Network	1 * RJ45 10M/100M Base-TX Ethernet
Certifications	
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 62311)
Safety	CE LVD (EN 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU)
Protection	IP66 (IEC 60529)
General	
Power	DC 12V ± 25%
	Power consumption: Max 10.0W
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
LED indicator	1, red/green