5MP ColorHunter with Wise-ISP Outdoor Pan & Tilt Wi-Fi Camera

Uho-P3C-M5F4

Key Features

5MP	Human Detection	Sound and light alert	Built-in Mic	Edge Storage	smart illumination	IP66

- High quality image with 5MP, 1/1.8"CMOS sensor and F1.0 large aperture lens

- 5MP (2880*1620)@25/20fps; 4MP (2560*1440)@25/20fps; 3MP (2304*1296)@30/25fps; 2MP (1920*1080)@30/25fps;

- Ultra 265, H.265, H.264

- Colorhunter with Wise-ISP technology ensures 24-hour full-color images

- 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

- Warm Light, up to 30m warm light distance

- Supports 512 GB Micro SD card

- Wi-Fi connection and easy installation
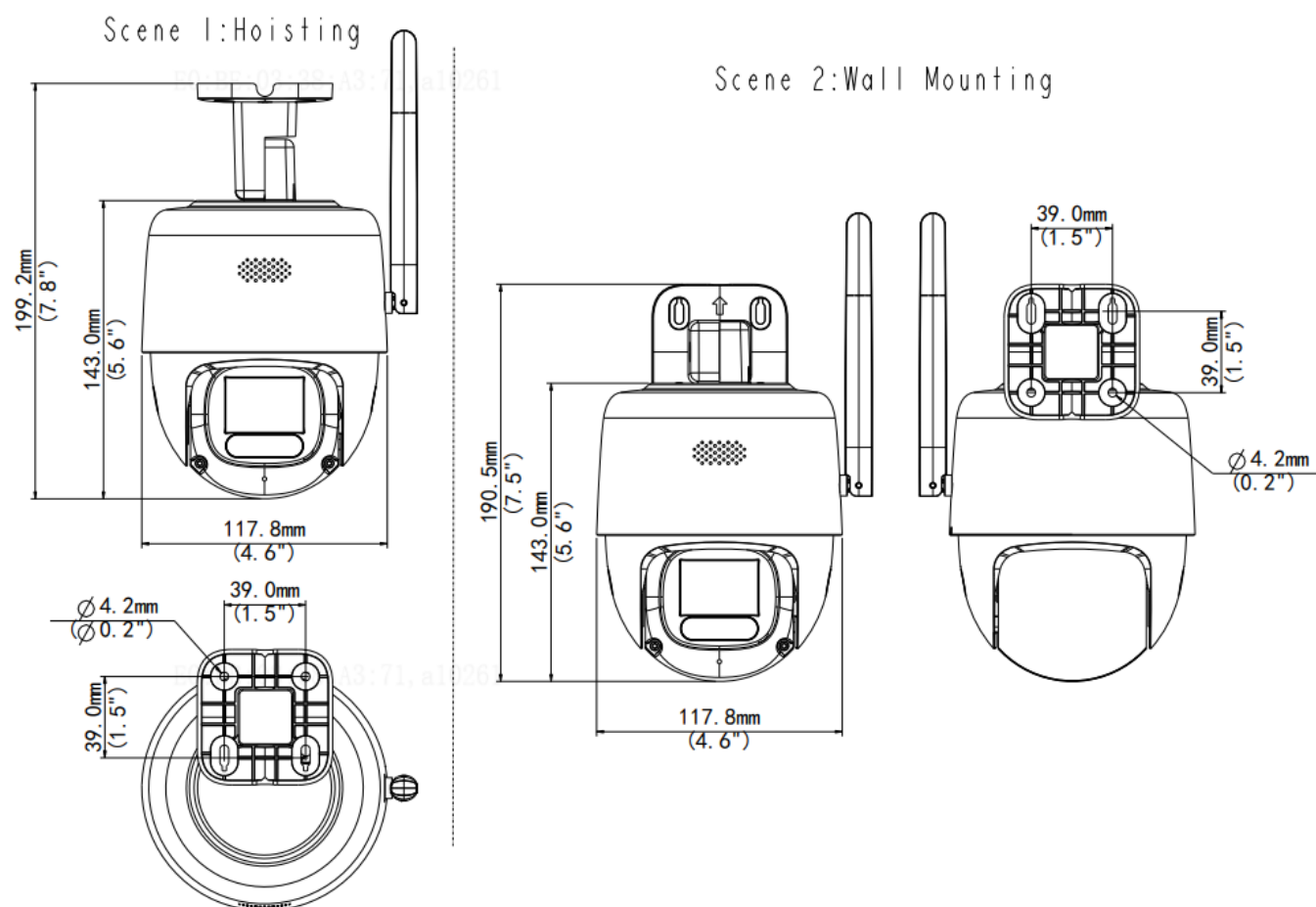
- IP66 ingress protection

Specifications

Camera	Uho-P3C-M5F4
Sensor	1/1.8" progressive scan, 5.0 megapixel, CMOS
Min. Illumination	Colour: 0.0003lux (F1.0, AGC ON)
Shutter	Auto/Manual, shutter time: 1s ~ 1/100000s
WDR	DWDR
S/N	>52 dB

Lens	
Lens type	4mm@F1.0
Digital Zoom	4
Iris	Fixed
Field of View (H)	89.4°
Field of View (V)	48.2°
Field of View (D)	94.7°

DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4mm	62.1(203.6ft)	24.8(81.5ft)	12.4(40.7ft)	6.2(20.4ft)

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

Video	
Video Compression	Ultra 265, H.265, H.264
Frame Rate	Main Stream: 5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Video Bit Rate	128 Kbps~6144 Kbps
ROI	Up to 8 areas
Video Stream	Dual streams
OSD	Up to 4 OSDs
Privacy Mask	Support(Only NVR)

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	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	8KHZ
Storage	
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR
Network	
Wi-Fi	2.4G Wi-Fi (IEEE802.11b/g/n/ax), 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
Wi-Fi	
Wireless Standards	IEEE802.11b/g/n/ax
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40 MHz Support
Modulation Mode	802.11b: CCK 802.11g/n: OFDM 802.11ax: OFDMA
Security	64/128-bit WEP, WPA-PSK/WPA2-PSK
Transmit Power	802.11b: 17±1.5dBm @11Mbps 802.11g: 16±1.5dBm @ 54Mbps 802.11n: 16±1.5dBm @MCS7 802.11ax: 16±1.5dBm @MCS9
Receive Sensitivity	802.11b: -76dBm @11Mbps (Typical) 802.11g: -65dBm @54Mbps (Typical) 802.11n: -61dBm @MCS7,HT40(Typical) 802.11ax: -54dBm @MCS9,HE40(Typical)
Transmission Rate	802.11b: 11Mbps 802.11g: 54Mbps 802.11n: up to 150Mbps 802.11ax: up to 270Mbps
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
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 13.0W
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, green

Dimensions

Scene 1:Hoisting

Scene 2:Wall Mounting

199.2mm (7.8")
143.0mm (5.6")
117.8mm (4.6")

Ø4.2mm (Ø0.2")
39.0mm (1.5")
39.0mm (1.5")

190.5mm (7.5")
143.0mm (5.6")
117.8mm (4.6")

39.0mm (1.5")
39.0mm (1.5")
Ø4.2mm (0.2")

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

www.uniview.com/uniarch

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

VERIFICATION OF COMPLIANCE

Verification No.:	KSCR231100206101ATC
Applicant:	Zhejiang Uniview Technologies Co., Ltd.
Address of Applicant:	No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China
Product Description:	IP Camera
Model No.:	Uho-B2D-M3F3D,Uho-B2D-M2F4,Uho-B2D-xxxxxxxx-yyyyyyyy-zzzz,Uho-B2R-xxxxxxxx-yyyyyyyy-zzzz ("x,y, z" can be 0-9, A-Z, a-z or blank, "-" may be blank)

Sufficient samples of the product have been tested and found to be in conformity with

Test Standards:	EN 50130-4: 2011 +A1:2014
	EN 55032: 2015+A11:2020+A1:2020
	EN 61000-3-3: 2013+ A1:2019+A2:2021
	EN IEC 61000-3-2: 2019+A1:2021

As shown in the

Test Report Number(s):	KSCR231100206101

This verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of Compliance Certification Services (Kunshan) Inc. on the sample of the above-mentioned product in accordance with the provisions of the relevant specific standards under Directive 2014/30/EU. The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EU Declaration of Conformity and compliance with all relevant EU Directives.

Terry Hou
Technical Manager

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Date: 2023-12-01

SGS

VERIFICATION OF COMPLIANCE

No.:	GPSD SHES2311021326AT
Applicant:	Zhejiang Uniview Technologies Co., Ltd. No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China
Manufacturer:	Zhejiang Uniview Technologies Co., Ltd. No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China
Product Name:	IP Camera
Model No.:	Uho-B2D-xxxxxxxx-yyyyyyyy-zzzz, Uho-B2R-xxxxxxxx-yyyyyyyy-zzzz ("x, y, z" can be 0-9, A-Z, a-z or blank, "-" may be blank).
Trade Mark:	uniarch
Rating:	12Vd.c., 1A
Protection against Electric Shock:	Class III
Additional Information (if any):	None

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: as shown in the	EN IEC 62368-1:2020+ A11:2020
Test Report Number(s):	SHES231102132601

This Verification of GPSD Compliance has been granted to the applicant based on the results of tests performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards and the General Product Safety Directive 2001/95/EC.

Andrew Zhai

Technical Manager

SGS-CSTC

2023-12-12

VERIFICATION OF COMPLIANCE

Verification No.:	KSCR231100201701ATC
Applicant:	Zhejiang Uniview Technologies Co., Ltd.
Address of Applicant:	No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China
Product Description:	IP Camera
Model No.:	Uho-B2D-M3F3D,Uho-B2D-M2F4,Uho-B2D-xxxxxxxx-yyyyyyyy-zzzz,Uho-B2R-xxxxxxxx-yyyyyyyy-zzzz ("x,y, z" can be 0-9, A-Z, a-z or blank, "-" may be blank)

Sufficient samples of the product have been tested and found to be in conformity with

Test Standards:	EN 300 328 V2.2.2
	EN 301 489-1 V2.2.3
	EN 301 489-17 V3.2.4
	EN IEC 62311:2020

As shown in the

Test Report Number(s):	KSCR231100201701; KSCR231100201702; KSCR231100201703

Conclusion
Based on a review of the test report(s) detailed above, this apparatus meets the requirements of above standards. The product is in conformity with the essential requirements of Article 3.1 (a) the protection of the health, 3.1 (b) an adequate level of electromagnetic compatibility and 3.2 effective use of the spectrum of 2014/53/EU.

The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EU Declaration of Conformity and compliance with all relevant EU Directives.

CE

Terry Hou
Technical Manager

Date: 2023-12-01