

IPTECHVIEW Universal Camera

[U1-HEM-5F14]

5MP HD IR 360° Fisheye Fixed Dome Cloud Camera



IPTECHVIEW's U1-HEM-5F14 features 360° view with high quality lens ensuring image quality. The camera's progressive CMOS sensor provides 5 MP @ 30 fps and has built in support for Ultra 265, H.265 and H.264 - all of which significantly reduce bandwidth and storage requirements effectively lowering your infrastructure costs while providing an affordable high-resolution surveillance system. The camera includes Smart IR, up to 33ft IR distance and a 128GB SD memory card. The camera is made with an impact, vandal, dust resistant IK10, UV-stabilized IP66-rated metal and plastic casing.



Compatible with IPTECHVIEW and any VMS that supports



- Easy Plug and Play and Cloud Management
 - > No fixed IP or port forwarding needed
 - > Full access to GUI through IPTECHVIEW
 - > Rich monitoring & alerting rules
- High quality image with 1/2.7" CMOS sensor
- 5MP (2592 x 1944) @30/25fps
- Ultra 265, H.265, H.264, MJPEG**
- 120dB true WDR technology
- Smart IR, up to 33ft
- Up to 256GB Micro SD card
- Built-in 2 Mic, supports the detection of sounds over longer distances
- Alarm: 1 in/1out, Audio: 1 in/1out
- IK 10 vandal-resistant
- IP66 protection
- PoE support

* **NDAA-Compliant Camera.** Connectivity software & cloud design developed in the USA (MSTAR SOC).

** IPTECHVIEW cloud recording uses H.264

Specifications

Camera	U1-HEM-5F14
Sensor	1/2.8", progressive scan, 5.0 megapixel, CMOS
Lens	1.4mm@F2.
Angle of View	360°
Shutter	Auto/Manual, shutter time: 1~1/100000 s
Minimum Illumination	Color: 0.01 Lux (F2.0, AGC ON) 0 Lux with IR
Digital noise reduction	2D/3D DNR
Day/Night	IR-cut filter for day & night function
S/N	>55dB
IR Range	Up to 10m (33 ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual
Defog	Digital Defog
WDR	120dB

Audio	
Audio Compression &	G.711 64Kbps, 8KHz, suppression
Sampling Rate	Supported
Built-in Mic	Supported

Network	
Supported Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 8002.1x, SNMP, QoS
Compatible Integration	IPTECHVIEW-Ready™ ONVIF (Profile S, Profile G, Profile T), API, SDK
Edge Storage Network	Micro SD, up to 256GB. 128GB micro SD included
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+
Interface	1 RJ45 10M/100M Base-TX Auto-adaptive Ethernet
Audio I/O	Input: impedance 35 kΩ; amplitude 2 V (p-p) Output: impedance 600 Ω; amplitude 2 V (p-p)

Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG**
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 5MP (2592x1944): Max.30fps; Sub Stream: 1080P (1920x1080): Max.30fps; 720P (1280x720), Max.30fps Third Stream: D1 (720x576), Max.30fps; 640x360, Max.30fps; 2CIF (704x288), Max.30fps; CIF (352x288), Max.30fps;
U-Code	Supported
Video Bit Rate	128 Kbps~16 Mbps
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Supported
Flip	Normal/Flip Vertical/Flip Horizontal/180°
BLC	Supported

General	
Power	DC12V ± 25%, PoE (IEEE 802.3af) Max 8.5 W
Casing	IP66 Vandal-resistant IK10. Metal + Plastic
Operating Conditions	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Conditions	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Approvals	FCC CFR 47 Part 15 EN 55032:2015; EN 55024:2010; EN 61000-3-2:2014; EN 61000-0-0:2013; EN 62368-1; UL 62368-1; CE-ROHS (2011/65/EU; (EU)2015/863); WEEE (2012/19/EU); REACH (Regulation (EC) No 1907/2006)
Dimensions	Φ125 x 43.7 mm (Φ4.9" x 1.7")
Net Weight	0.36kg (0.79lb)

Accessories



U1-ACC-H-JB03-H-IN
Fixed Dome Outdoor
Wall Mount



U1-ACC-B/D/H/T-ADP01
Plastic Waterproof Joint



U1-ACC-D/H/T/PT-SE24
Short Fixed Dome
Pendant Mount



U1-ACC-D/H/T/PT-SE24-A
Long Fixed Dome
Pendant Mount



U1-ACC-D/H/T-CM24
Fixed Dome Indoor
Pendant Mount