

IPTECHVIEW Universal Camera

[U1-TRT-5F28-AD]

5MP HD IR and Audible Warning Turret Fixed Eyeball Cloud Camera



What do you get when you combine the best features of a bullet camera with the advantages of a dome camera and put it all in a smaller, more discreet form factor? You get the IPTECHVIEW Turret AD camera. IPTECHVIEW's 5 MP fixed focal length turret camera features a 1/2.7 inch progressive CMOS sensor and provides 5 MP @ 30 fps. It 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 98ft IR distance and a 128GB SD memory card. The camera is made with a dust-resistant, UV-stabilized IP67-rated metal 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
- LightHunter technology ensures ultra-high image quality in low-light environments
- 5MP (2880×1620) @30/25fps
- Video compression: Ultra 265, H.265, H.264, MJPEG**
- 120dB true WDR technology
- Supports 9:16 Corridor Mode
- Smart IR up to 98 ft (30 m)
- Up to 256GB Micro SD card
- Supports PoE power supply
- Smart intrusion prevention: cross line, intrusion, enter area, and leave area detection
- Base on target classification smart intrusion prevention significantly reduces false alarm caused by leaves, birds, and lights, etc. accurately focus on human and vehicle, and non-motor vehicle.
- Supports sound and light alarm linkage (audio-visual alarm) When intrusion prevention is triggered, the camera links sound alarm and light linkage.
- Intelligent People Flow Counting and Crowd Density Monitoring
- IP67 protection

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

** IPTECHVIEW cloud recording uses H.264

Specifications

Camera	U1-TRT-5F28-AD
Sensor	1/2.7", progressive scan, 5.0 megapixel, CMOS
Lens	2.8mm@F1.6
Angle of View	96.1° x 55.3° x 111.1°
Adjustment Angle	Pan: 3° ~ 360° Tilt: 0° ~ 80° Rotate: 0° ~ 360°
Shutter	Auto/Manual, shutter time: 1~1/1000000 s
Minimum Illumination	Color: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR
Digital noise reduction	2D/3D DNR
Day/Night	IR-cut filter for day & night function
S/N	>56dB
IR Range	Up to 30m (98ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual
Defog	Digital Defog
WDR	120dB

Audio	
Compression & Sampling Rate	G.711 64Kbps, 8KHz, suppression
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 User/Host	Micro SD, up to 256GB. 128GB micro SD included 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

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 (2888x1620), 4MP (2560x1440); 3MP (2304x1296); 1080P (1920x1080), Max 30fps Sub Stream: 720P (12870x720); D1 (720x576); 640x360; 2CIF (704x288); CIF (352x288), Max.30fps Third Stream: D1 (720x576); 640x360; 2CIF (704x288); Max.30fps;
U-Code	Supported
Video Bit Rate	128 Kbps~16 Mbps
OSD	Up to 8 OSDs
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°
HLC	Supported
BLC	Supported
Defog	Digital Defog

General	
Power	DC12V + 25%, PoE (IEEE 802.3af) Max 4.0 W
Casing	IP67 Metal
Operating Conditions	-30°C ~ 55°C (-22°F ~ 131°F), Humidity: <95% RH (non-condensing)
Storage Conditions	-30°C ~ 55°C (-22°F ~ 131°F), Humidity: <95% RH (non-condensing)
Approvals	CE LVD (EN 62368:1:014+A11:2017) UL (UL 62368-1, 2nd Ed, Issue Date: 2014-12-01) FCC (FCC CFR 47 part 15 B, ANSI C63.4-2014)
Dimensions	Φ110.5 x 94.1 mm (Φ4.4" x 3.7")
Net Weight	0.425kg (0.93lb)

Accessories

 U1-ACC-D/T-JB03G Fixed Dome Outdoor Wall Mount	 U1-ACC-B/D/H/T-ADP01 Plastic Waterproof Joint	 U1-ACC-D/T-UM06 Fixed Turret Indoor Incline Mount	 U1-ACC-D/H/T/PT-SE24-A Long Fixed Fome Pendant Mount	 U1-ACC-D/H/T-CM24 Fixed Dome Indoor Pendant Mount
 U1-ACC-D/T-WM03 Fixed Dome Indoor Wall Mount	 U1-ACC-D/T-JB07/WM03 Fixed Dome Outdoor Wall Mount	 U1-ACC-B/D/T-POLE06-C Pole Mount Adapter	 U1-ACC-D/H/T/PT-SE24 Pendant Mount	