

IPTECHVIEW Universal Camera

[U1-BLT-5F28-AD]

5MP HD Intelligent Light and Audible Warning Fixed Bullet Cloud Camera



Bullet cameras are one of the mainstays of any surveillance system. The IPTECHVIEW's long-range DF28 bullet video camera feature day & night functionality and True WDR which ensures ultra-high image quality in low illumination/highcontrast environments. It has a 5 MP sensor @ 30fps 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 98ft IR distance and a 128GB SD memory card. The camera is made with an impact, dust-resistant, UV-stabilized IP67-rated plastic and 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
- Smart intrusion prevention, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds, and lights, etc. , accurately focus on human, and motor vehicle and non-motor vehicle
- Supports sound and light alarm linkage. When smart intrusion prevention is triggered, the camera links sound alarm and light linkage
- High quality image with 1/2.7" CMOS sensor
- 5MP (2880x1620) @30/25fps
- 120dB true WDR technology
- LightHunter technology for ultra-high image quality in low illumination environment
- Ultra 265, H.265, H.264, MJPEG**
- Supports 9:16 Corridor Mode
- Built-In Mic and speaker
- Smart IR, up to 98ft
- Up to 256GB Micro SD card
- IP67 protection
- PoE support

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

** IPTECHVIEW cloud recording uses H.264

Specifications

Camera U1-BLT-5F28-AD

Sensor	1/2.7", progressive scan, 5.0 megapixel, CMOS
Lens	2.8mm@F1.6
Angle of View	112.9° x 59.1° x 121.2°
Adjustment Angle	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotate: 0° ~ 360°
Shutter	Auto/Manual, shutter time: 1~1/100000 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

Audio Compression & Sampling Rate	G.711 64Kbps, 8KHz, suppression Supported
Built-in Mic	Supported
Two-Way Audio	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
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 (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 8.5 W
Casing	IP67 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	CE: EN60950-1 UL: UL60950-1 FCC (FCC CFR 47 part 15B, ANSI C63, 4-2014)
Dimensions	Φ 108.7 x 81.1 mm (Φ4.3" x 3.2
Net Weight	0.425kg (0.93lb)

Accessories



U1-ACC-BP-JB05-B
Bullet Camera Junction Box



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



U1-ACC-B/D/T-POLE06-C
Pole Mount Adapter



U1-ACC-D/B-UC08-C
Corner Mount