

IPTECHVIEW Universal Camera (U1-BLT-5PANO)

5MP HD IR Bullet Panoramic Cloud Camera

The U1-Bullet-5MP-DF16 features day/night functionality and WDR for ensuring ultra-high image quality in low illumination environments. This high quality camera with 5MP sensor @ 30fps with support for Ultra 265, H.265 and H.264 reducing bandwidth and storage requirements. Thanks to the memory card slot, you can optionally record at the edge. The camera is made with a dust-resistant metal case rated IP67 ingress protection.



- **Easy Plug and Play and Cloud Management**
 - No fixed IP or port forwarding need
 - 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
- Wide angle technology realize the horizontal viewing angle of 180°
- The dewarp level can be configured in the range of 1-9
- High quality image with 1/2.7" CMOS sensor
- 5MP (2880x1620)@30/25fps
- 120dB true WDR technology enables clear image in strong light scene
- Ultra 265, H.265, H.264, MJPEG**
- Supports 9:16 Corridor Mode
- Built-In Mic
- Smart IR, up to 66ft (20m) IR distance
- Up to 256GB Micro SD card
- IP67 protection
- DC12V or PoE (IEEE 802.3af) power supply
- 3-axis

***NDA Compliant** - Camera uses MSTAR chipset made in Taiwan. Housing and final assembly made in China. Connectivity software & cloud design developed in the USA.

**IPTECHVIEW cloud recording uses H.264

Specifications

Camera		U1-BLT-5PANO				
Sensor	1/2.7", progressive scan, 5.0 megapixel, CMOS					
Minimum Illumination	Color: 0.01 Lux (F1.2, AGC ON) 0 Lux with IR					
Day/Night	IR-cut filter with auto-switch (ICR)					
Shutter	Auto/Manual, 1~1/100000 s					
Adjustment Angle	Pan: 0° ~ 360° Tilt: 0-90° Rotate: 0-360°					
WDR	120dB					
S/N	>56dB					
Lens						
Lens	1.68mm@F1.2					
Iris	Fixed					
Field of View (H)	180°					
Field of View (V)	100°					
Field of View (D)	180°					
DORI						
DORI Distance	Lens (mm)	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)	
	1.68	124	49.6	24.8	12.4	
Illuminator						
IR Range	Up to 20m (66 ft) IR range					
Wavelength	850nm					
IR On/Off Control	Auto/Manual					
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					
Video Stream	Triple streams					
Image						
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2					
Smart IR	Supported					
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90° Clockwise/90° Counter Clockwise					
HLC	Supported					
BLC	Supported					
Defog	Digital Defog					
Intelligent						
Smart Intrusion Prevention	Support false alarm filtering: Cross line detection, Intrusion detection, Enter Area detection, Leave Area detection					
Storage						
Edge Storage	Micro SD, up to 256GB					
Network Storage	ANR, NAS (NFS)					
Events						
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection					
General Function	Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication					
Audio						
Audio Compression & Bitrate	G.711, 64Kbps					
Two-way audio	Supported					
Suppression	Supported					
Sampling Rate	8KHz, suppression					
Network						
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 8002.1x, SNMP, QoS, RTMP, SL/TLS, SSH					
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. 3 user levels: administrator, common user, and operator					
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, digest authentication for ONVIF					
Client	EZStation, EZView, EZLive					
Web Browser	Plug-in required for live view: IE10 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					
Interface						
Audio I/O	N/A					
Alarm I/O	N/A					
Serial port	N/A					
Built-in Speaker	Supported					
WiFi	N/A					
Network	1× RJ45 10M/100M Base-TX Ethernet					
Video Output	N/A					
Certifications						
EMC	CE-EMC (EN 55032, EN61000-3-3, EN IEC 61000-3-2, EN 55035) FCC (FCC 47 CFR part 15B)					
Safety	CE LVD (EN 62368-1) CB (IEC 62368-1: 2014) UL (UL 62368-1, 2nd Ed., Issue Date 2014-12-01)					
Environment Protection	CE-RoHS (2011/650EU; (EU)2015/863); WEEE (2012/19/EU) IP67 (IEC 60529; IK10 (IEC 62262)					
General						
Power	DC12V ± 25%, PoE (IEEE 802.3af)					
Power consumption	Max 7.0 W					
Power Interface	Ø 5.5mm coaxial power plug					
Dimensions (L x W x H)	198x71x71mm (7.8" x 2.8" x 2.8")					
Net Weight	0.42kg (0.93lb)					
Material	Metal					
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)					
Surge Protection	4KV					
Reset Button	Supported					

Accessories



U1-ACC-BP-JB05
Bullet Camera Junction Box



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



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