



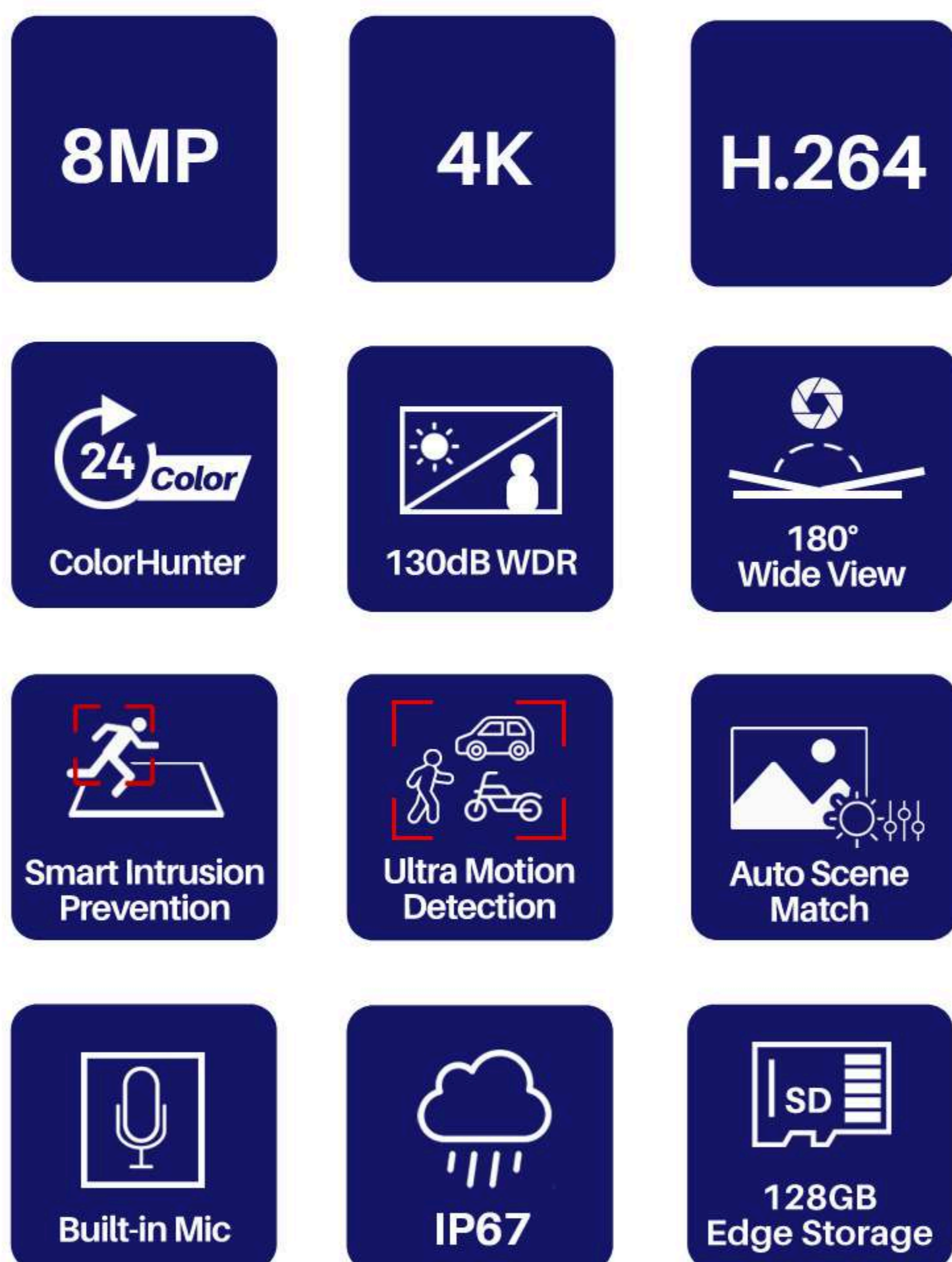
IPTECHVIEW Universal Camera

[U2-BLT-DUO-8PANO]

8MP Color Hunter OmniView Bullet Cloud Camera



IPTECHVIEW U2-BLT-DUO-8PANO features day/night functionality, and ColorHunter technology ensures 24-hour full-color images. This high-quality camera with 8MP sensor @ 20 fps. Thanks to the memory card slot, you can optionally record at the edge. The camera is made with a metal case rated IP67 ingress protection.



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
- 8MP (5120 x 1440) @ 20 fps
- Ultra 265, H.265, H.264, MJPEG **
- The double lens splicing technology is adopted to realize the horizontal viewing angle of 180°±10°
- Both channels support intelligent perimeter prevention system, including cross-line, intrusion, enter area, and leave area detection
- ColorHunter technology ensures 24-hour full-color images
- Intelligent people flow counting and crowd density monitoring
- Smart intrusion prevention with color retrieval
- ASM (auto scene match)
- Alarm I/O: 1/1
- Audio I/O: 1/1
- 130dB true WDR technology enables clear image in strong light scene
- Built-in dual mic and speaker
- Warm Light IR, up to 30m (98.4 ft) IR distance
- Support 9:16 Corridor Mode
- Up to 512GB Micro SD card
- IP67 protection
- Support PoE power supply DC 12V, PoE (IEEE 802.3af)

* **NDAA Compliant Camera.** Connectivity software & cloud design developed in the USA.

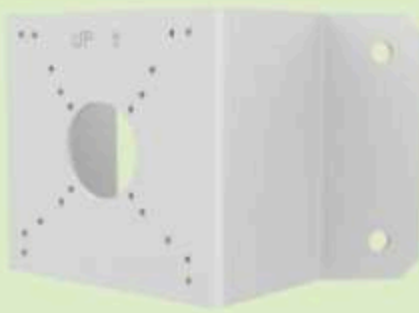
** IPTECHVIEW cloud recording uses H.264

Specifications

Camera		U2-BLT-DUO-8PANO	
Max Resolution		8 MP	
Sensor		1/2.7" CMOS	
Minimum Illumination		Color: 0.0005 Lux (F1.0, AGC ON)	
Shutter		Auto/Manual, shutter time: 1~1/100000 s	
Adjustment Angle		Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotate: 0° ~ 360°	
S/N		>52 dB	
WDR		130 dB	
Lens			
Focal Length		2 x 4.0 mm	
Iris		F1.0	
Angle of View		180°±10° x 47.41° x 180.13°±10° (H-V-D)	
Lens Type		Fixed	
DORI			
DORI Distance (Lens):		4 mm	
DORI Distance (Detect):		90.0 m (295.3 ft)	
DORI Distance (Observe):		36.0 m (118.1 ft)	
DORI Distance (Recognize):		18.0 m (59.1 ft)	
DORI Distance (Identify):		9.0 m (29.5 ft)	
Illuminator			
Supplemental Light		Warm light	
Illumination Distance (Warm Light)		30 m (98.4 ft)	
Light 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: 8MP (5120 x 1440) Max 20 fps	
		Sub Stream: 2560 x 720 Max 20 fps	
Video Bit Rate		128 Kbps~16 Mbps	
U-code		Support	
OSD		Up to 8 OSDs	
Privacy Mask		Up to 4 areas	
ROI		Support	
Video Stream		Double streams	
Image			
Smart Illumination		Support	
Auto Scene Match (ASM)		Support (only WDR)	
White Balance		Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2	
Digital Noise Reduction		2D/3D DNR	
Flip		N/A	
Dewarping		N/A	
HLC		Support	
BLC		Support	
Defog		Digital defog	
Image Stabilization		N/A	
Intelligence			
People Counting		Support people flow counting and crowd density monitoring	
Attribute Collection		SIP with color retrieval	
Smart Intrusion Prevention		Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)	
Statistical Analysis		N/A	

Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output
Audio	
Audio Compression	G.711 U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH
Compatible Integration	IPTECHVIEW-Ready™, ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK
User/Host	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 HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	EZStation, APP
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+ Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+
Interface	
Audio I/O	1 Input: impedance 35 kΩ; amplitude 2 V [p-p] 1 Output: impedance 600 Ω; amplitude 2 V [p-p]
Alarm I/O	1/1
Serial Port	N/A
Built-in Mic	Built-in dual-mic
Built-in Speaker	Support
WIFI	N/A
Network	1 x RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A11: 2020)
Safety	FCC (FCC CFR 47 part15 B, ANSI C63.4-2014) CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU, Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529: 1989+AMD1: 1999+AMD2: 2013)
General	
Power	DC12V ± 25%, PoE (IEEE 802.3af)
Power Consumption	Max. 13 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	273 mm × 130 mm × 76 mm (10.7" × 5.1" × 3.0") (L × W × H)
Weight	0.96 kg (2.12 lb)
Material	Metal
Working Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 kV
Reset Button	Support
Web Client Language	20 Languages: (Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe - Brazil), Japanese, Thai, Turkish, Spanish (Europe - Latin America), Hungarian, Italian, Vietnamese)

Accessories

					
U2-ACC-BC-JB06-A-IN Middle Bullet Junction Box	U1-ACC-B-POLE06-B Bullet Pole Mount Adapter	U2-ACC-B-JB07-D-IN-V2 Bullet Junction Box	U2-ACC-D/B-UC08-C-V2 Corner Mount	U2-ACC-B/D/T-POLE06-C-IN-V2 Pole Mount Adapter	U1-ACC-B/D/H/T-ADP01 Plastic Waterproof Joint