

2MP ColorHunter Wise ISP Fixed Warm Light Bullet Network Camera

IPC-B242-ADF28(40)K-WP



Features

- High quality image with 1080P, 1/2.7" CMOS sensor and F1.0 large aperture lens
- 1080P (1920 × 1080)@30 fps; 720P (1280 × 720)@30 fps
- Ultra 265, H.265, H.264, MJPEG
- Supports ColorHunter with Wise-ISP technology, deeply optimizing color, detail, and smear effects in extremely low-light scenes
- 120 dB true WDR technology enables clear image in strong light scene
- Supports 9:16 corridor mode
- Built-in mic
- White light, up to 30 m (98.4 ft.) warm light distance
- MicroSD, up to 512 GB
- IP67 protection
- Supports PoE power supply
- 3-axis

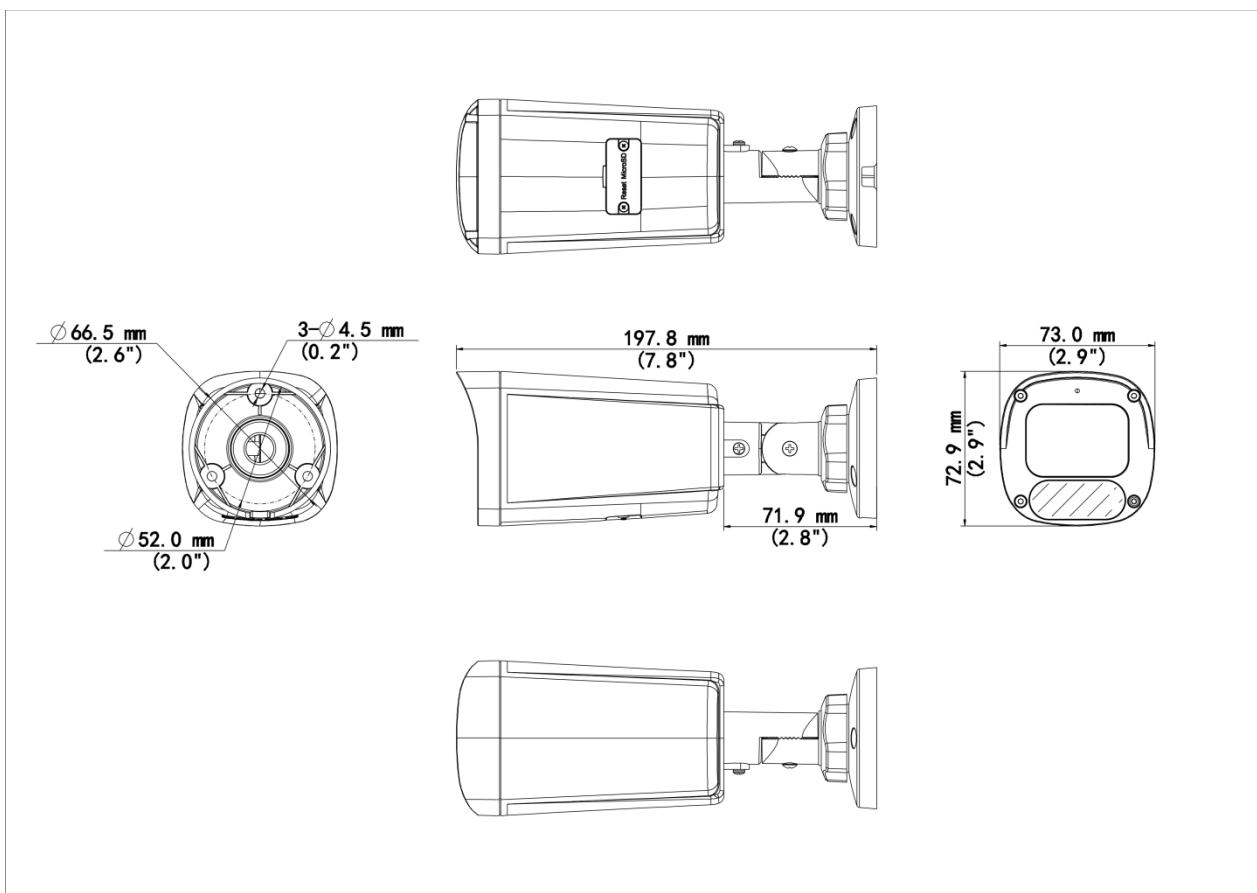
Specifications

Model	IPC-B242-ADF28K-WP		IPC-B242-ADF40K-WP
Camera			
Max Resolution	2 MP		
Sensor	1/2.7" CMOS		
Min. Illumination	Color: 0.0003 Lux (F1.0, AGC ON)		
Shutter	Auto/Manual, 1 to 1/100000 s		
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°		
S/N	> 52 dB		
WDR	120 dB		
Lens			
Focal Length	2.8 mm	4.0 mm	
Iris Type	Fixed		
Iris	F1.0		
Field of View (H)	99.0°	85.4°	
Field of View (V)	53.0°	47.5°	
Field of View (D)	118.0°	98.5°	
Lens Type	Fixed		
DORI			
DORI Distance (Lens)	2.8 mm	4 mm	
DORI Distance (Detect)	45.0 m (147.6 ft.)	64.3 m (211.0 ft.)	
DORI Distance (Observe)	18.0 m (59.1 ft.)	25.7 m (84.3 ft.)	
DORI Distance (Recognize)	9.0 m (29.5 ft.)	12.9 m (42.3 ft.)	
DORI Distance (Identify)	4.5 m (14.8 ft.)	6.4 m (21.0 ft.)	
Illuminator			
Supplemental Light	Warm light		
Light On/Off Control	Auto/Manual		
Illumination Distance (Warm Light)	30 m (98.4 ft.)		
Video			
Video Compression	Ultra 265, H.265, H.264, MJPEG		
H.264 Code Profile	Baseline profile, Main profile, High profile		
Frame Rate	Main Stream: 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; Sub Stream: 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps;		
Video Bit Rate	128 Kbps to 6144 Kbps		
U-code	Support		
OSD	Up to 4 OSDs		
Privacy Mask	Up to 4 areas		
ROI	Support		
Video Stream	Dual streams		
Image			

White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Flip	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital defog
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
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
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, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), 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	APP, Uniarch client
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	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 × RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035) FCC (FCC 47 CFR part15 B)

Safety	CE LVD (EN 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);
Protection	IP67 (IEC 60529)
General	
Power	DC 12 V±25%, PoE (IEEE 802.3af)
Power Consumption	Max. 2.6 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	206 mm × 73 mm × 73 mm (8.1" × 2.9" × 2.9") (L × W × H)
Weight	0.29 kg (0.64 lb.)
Material	Graphene + Plastic
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	13 Languages: English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese, Spanish, Spanish (Europe), Italian

Dimensions



Accessories

TR-JB05-B-IN

Small Bullet Junction Box(Elegant White)



TR-A01-IN

NPT 3/4" Waterproof Cable Gland



TR-UP06-C-IN-V2

Pole Mounting Bracket for Bullet Junction
Box Only



TR-UC08-C-V2

Bullet&Dome Corner Mounting Bracket



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