4MP HD Intelligent Full Color Fixed Bullet Network Camera
BP-IPC-BFC402-40-AI

Key Features

- High quality image with 4MP, 1/1.8"CMOS sensor

- 4MP (2688*1520) @ 30/25fps; 4MP (2560*1440) @ 30/25fps; 3MP (2304*1296) @30/25fps; 2MP (1920*1080) @30/25fps;

- Ultra 265, H.265, H.264, MJPEG

- Smart intrusion prevention, include cross line, intrusion, enter area, leave area detection

- Based on target classification, smart intrusion prevention significantly reduces false alarm caused by leaves, birds and lights etc., accurately focus on human and, motor vehicle and non-motor vehicle

- Intelligent People Flow Counting and Crowd Density Monitoring

- Full color technology ensures 24-hour full-color images

- 120dB true WDR technology enables clear image in strong light scene

- Support 9:16 Corridor Mode

- Alarm:1 in/1 out, Audio: 1 in/1 out

- Supports 256 G micro-SD card

- IK10 vandal resistant

- IP67 protection

- Support PoE power supply

Technical specification:

Camera	
Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS
Minimum Illumination	Colour: 0.0005 lux (F1.0, AGC ON)
Shutter	Auto/Manual, 1 ~ 1/100000s

Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 90°	Rotate: 0° ~ 360°
WDR	120dB		
S/N	>56dB		

Lens	
Lens	4.0mm@F1.0
Iris	Fixed
Field of View (H)	103.0°
Field of View (V)	69.2°
Field of View (D)	134.6°

DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4.0	62.1	24.8	12.4	6.2

Illuminator	
Illuminator Range	Up to 30m (98ft) white light range
LED On/Off Control	Auto/Manual
LED Number	2

Video	
Video Compression	Ultra265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 4MP (2688*1520), Max 30fps;4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;
Video Bit Rate	128 Kbps ~ 16Mbps
U-code	Support
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
Digital noise reduction	2D/3D DNR
Smart Illumination	Support
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
De-warping	N/A

HLC	Support
BLC	Support
Defog	Digital Defog
Intelligent	
Smart intrusion prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Statical Analysis	People counting, support people flow counting and crowd density monitoring
Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio Detection
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711
Audio Bitrate	64Kbps
Two-way audio	Support
Suppression	Support
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	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
Client	BP-connect
Web Browser	Plug-in required live view: IE 10 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	Input: impedance 35kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
RS485	N/A
Built-in Mic	N/A
Built-in Speaker	N/A
WiFi	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	N/A

Certifications	
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) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	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) IK10 (IEC 62262:2002)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 9.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (L × W × H)	245× 86 × 85mm (9.6" × 3.4" × 3.3")
Weight	0.87kg (1.92lb)
Material	Metal
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge protection	4KV
Reset button	Support

Dimensions