

# 8MP HD Intelligent IR VF Eyeball Network Camera

## BP-IPC-DV801-Z



### KEY FEATURES



- High quality imaging with 8MP, 1/2.8" CMOS sensor
- 8MP (3840\*2160) @20fps; 5MP (3072\*1728) @30/25fps; 4MP (2560\*1440) @30/25fps; 2MP (1920\*1080) @30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Intelligent perimeter protection, 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
- LightVision technology ensures ultra-high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built in Mic
- Smart IR, up to 40m (131ft) IR distance
- Supports 512 G Micro SD card
- IK10 vandal resistant
- IP67 protection
- Support PoE supply

## TECHNICAL SPECIFICATION

Model: BP-IPC-DV801-Z			
Camera			
Max Resolution	8MP		
Sensor	1/2.8" CMOS		
Min. Illumination	Colour: 0.0025 lux (F1.6, AGC ON) 0 lux with IR		
Day/Night	IR cut filter with auto switch (ICR)		
Shutter	Auto/Manual, 1 ~ 1/100000s		
Adjustment Angle	Pan: 0° ~ 360°	Tilt: 0° ~ 75°	Rotate: 0° ~ 360°
S/N	>52dB		
WDR	120dB		
Lens			
Focal Length	2.8 ~ 12mm		
Iris Type	Fixed		
Iris	F1.6		
Field of View (H)	107.4° ~ 29.2°		
Field of View (V)	54.2° ~ 16.3°		
Field of View (D)	111.0° ~ 33.1°		
Lens Type	Motorized		
DORI			
DORI Distance (Lens)	2.8mm, 12mm		
DORI Distance (Detect)	86.9m (285.1ft), 372.4m (1121.8ft)		
DORI Distance (Observe)	34.8m (114.2ft), 149.0m (488.8ft)		
DORI Distance (Recognize)	17.4m (57.1ft), 74.5m (244.4ft)		
DORI Distance (Identify)	8.7m (28.5ft), 37.2m (112.0ft)		
Illuminator			
Supplemental Light	IR		
Illumination Distance (IR)	40m		
IR On/Off Control	Auto/Manual		
Wavelength	850nm		
Video			
Video Compression	Ultra265, H.265, H.264, MJPEG		
H.264 code profile	Baseline profile, Main profile, High profile		
Frame Rate	Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), 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 ~ 16 Mbps		

U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Triple streams
<b>Image</b>	
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180°; 90°Clockwise; 90°Anti clockwise
De-warping	Support
HLC	Support
BLC	Support
Defog	Digital Defog
<b>Intelligent</b>	
Smart Intrusion Prevention	Support False Alarm Filtering: Cross Line Detection, Intrusion Detection, Enter Area Detection, Leave Area Detection
Recognition	Face Capture
Statistical Analysis	People Counting; support people flow counting and crowd density monitoring
<b>Events</b>	
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
<b>Audio</b>	
Audio Compression	G.711U, G.711A
Audio Bitrate	64Kbps
Two-way audio	N/A
Suppression	Support
Sampling Rate	8KHZ
<b>Storage</b>	
Edge Storage	Micro SD, up to 512GB
Network Storage	ANR, NAS (NFS)
<b>Network</b>	
Protocols	IPv4; IPv6; IGMP; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; SSL/TLS; 802.1x; SNMP; SSH
Compatible Integration	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	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
<b>Interface</b>	
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Buil-in Mic	Support
Built-in Speaker	N/A
WiFi	N/A
Network	1 x RJ45 10M/100M Base TX Ethernet
Video Output	N/A
<b>Certification</b>	
EMC	CE EMC (EN 55032, EN 61000 3 3, EN IEC 61000 3 2, EN 55035) FCC (FCC 47 CFR part 15 B)
Safety	CE LVD (EN 62368 1) CB (IEC 62368 1) UL/CUL (UL 62368 1, CAN/CSA C22.2 No. 62368 1)
Environment	CE RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU)
Protection	IP67 (IEC 60529) IK10 (IEC 62262)
<b>General</b>	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 9.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	Ø129 x 110mm (Ø5.1" x 4.3")
Weight	0.69kg (1.52lb)
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	6KV
Reset button	Support
Web Client Language	20 Languages Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese

## DIMENSIONS

