

# PRO SERIES VBIP-8AI-PRO-Q

8MP Starlight Fixed Bullet Network Camera with Face Detection



*NDA 2019 complaint means this product does not contain HiSilicon chipsets. HiSilicon is manufactured by telecom company Huawei. The U.S. federal government banned Huawei products from all its facilities to mitigate its security risk.*

## Features

- High quality imaging with 8MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 120 dB WDR technology
- Focus on human and vehicle targets classification based on deep learning
- Water and dust resistant (IP67)
- Built-in microphone for real-time audio security

CAMERA	
Image Sensor	1/2.7" Progressive scan CMOS Sensor
Min. Illumination	0.006 lux (Color), 0 lux (IR on)
Lens Type&Focal Length	Fixed focal lens, 2.8mm@F1.6
FOV	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°
IR	2pcs Array LED
IR Range	40m
Strobe Light	Supported
Smart IR	Supported
Shutter Speed	Auto/Manual, 1/3~1/10000s
Day/Night	IR cut filter with auto switch
Wide Dynamic Range	120dB
Digital Noise Reduction	2D/3D DNR
COMPRESSION STANDARD	
Video Compression	H.264/H.264+/H.265/H.265+
H.264 Codec Profile	Base/Main/High profile
H.265 Codec Profile	Main profile
Video Bit Rate	11 Kbps~8 Mbps
Triple Streams	Supported
Audio Compression	G.711A/G711U
Audio Bit Rate	64 Kbps
IMAGE	
Max. Image Resolution	8MP(3840 × 2160)
Frame Rate	50Hz:25fps 8MP(3840 × 2160) 25fps 6M(3200 x 1800), 25fps 5M(3072 x 1728) 25fps 4M(2560 x 1440), 25fps 2M(1920 x 1080)  60Hz: 30fps 8MP(3840 × 2160) 30fps 6M(3200 x 1800), 30fps 5M(3072 x 1728) 30fps 4M(2560 x 1440), 30fps 2M(1920 x 1080)
Sub Stream	50Hz: 25fps 720P(1280 × 720) 25fps D1(704 × 576),25fps CIF(352 × 288) 60Hz: 30fps 720P(1280 × 720) 30fps D1(704 × 480),30fps CIF(352 × 240)
Third Stream	50Hz: 25fps CIF(352 × 288) 60Hz: 30fps CIF(352 × 240)
Image Setting	Brightness/Contrast/Saturation/Hue/Sharpness
BLC	Supported
HLC	Supported
ROI	Supported
Rotate	Supported
Defog	Supported
NETWORK	
Network Storage	NAS(NFS/CIFS)

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<b>Protocols</b>	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P, Bonjour
<b>Basic Event</b>	Motion detection (support alarm triggering by specified target types (human and vehicle)), Video Shelter, Scene Change Detection
<b>Face Detection</b>	Supported
<b>Perimeter Protection</b>	Line crossing detection, Area intrusion, Region Entrance, Region Exiting(support alarm triggering by specified target types (human and vehicle))
<b>System Compatibility</b>	Open Network Video Interface (Profile S, Profile G, Profile T), SDK
<b>Security</b>	Password protection, complicated password, IP address filtering, TLS 1.1/1.2
<b>Web Browsers</b>	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
<b>Mobile Surveillance</b>	iPhone®, Android® devices
<b>INTERFACE</b>	
<b>Communication Interface</b>	1 RJ45 10M/100M Ethernet port
<b>On-board Storage</b>	Micro SD, up to 256GB
<b>Built-in Mic</b>	Supported
<b>Reset Button</b>	Supported
<b>GENERAL</b>	
<b>Operating Conditions</b>	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
<b>Power Supply</b>	DC12V ± 10%
<b>POE</b>	PoE (802.3af)
<b>Power Consumption</b>	MAX. 7W
<b>Protection Level</b>	IP67
<b>Vandalproof</b>	N/A
<b>Dimensions</b>	Ø 68×176.2 (mm)
<b>Gross Weight</b>	500g