

PRO SERIES VVIP-4AI-PRO-Q

4MP Starlight Fixed Vandal Dome Network Camera with Face Detection



NDAA 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 4MP 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) and vandal proof (IK10)
- Built-in microphone for real-time audio security

Specifications

CAMERA	
Image Sensor	1/2.7" Progressive scan CMOS Sensor
Min. Illumination	0.006lux(Color), 0lux(IR on)
Illumination Distance	30m (warm light)
Lens Type&Focal Length	Fixed focal lens, 2.8mm@F1.6
FOV	horizontal FOV:112°, vertical FOV:60°, diagonal FOV: 131°
IR	3pcs Array LED
IR Range	30m
StrobeLight	Supported
Smart IR	Supported
Shutter Time	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~16 Mbps
Triple Streams	Supported
Audio Compression	G.711A,G.711U
Audio Bit Rate	64 Kbps
IMAGE	
Max. Image Resolution	4MP(2688 × 1520)
Main Stream	50Hz: 25fps 4M(2688 × 1520)
	25fps 3M(2304 × 1296)
	25fps 1080P(1920 × 1080)
	60Hz: 30fps 4M(2688 × 1520)
	30fps 3M(2304 × 1296)
Sub Stream	30fps 1080P(1920 × 1080)
	50Hz: 25fps 720P(1280 × 720)
	25fps D1(704 × 576), 25fps CIF(352 × 288)
	60Hz: 30fps 720P(1280 × 720)
Third Stream	30fps D1(704 × 480), 30fps CIF(352 × 240)
	50Hz: 25fps CIF(352 × 288)
Image Setting	60Hz: 30fps CIF(352 × 240)
	Brightness/Contrast/Saturation/Hue/Sharpness
BLC	Supported
HLC	Supported
ROI	Supported
Defog	Supported
Rotate	Supported
NETWORK	
Network Storage	NAS(NFS/CIFS)

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Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P, Bonjour
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), Video Shelter, Scene Change Detection
Face Detection	Supported
Perimeter Protection	Line crossing detection, Area intrusion(support alarm triggering by specified target types (human and vehicle))
System Compatibility	Open Network Video Interface (Profile S, Profile G, Profile T), SDK
Security	Password protection, complicated password, IP address filtering, TLS 1.1/1.2
Web Browsers	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
Mobile Surveillance	Phone®, Android® devices
INTERFACE	
Communication Interface	1 RJ45 10M/100M Ethernet Port
On-Board Storage	Micro SD, up to 256GB
Built-in Mic	Supported
Reset Button	Supported
GENERAL	
Operating Conditions	-30°C ~ 60°C (-22°F ~ 140°F)
Humidity	95% or less (non-condensing)
Power Supply	DC12V ± 10%
POE	PoE (802.3af)
Power Consumption	MAX.7W
Protection Level	IP67
Vandal Proof	IK10
Dimensions	Ø 114 × 91.8 (mm)
Gross Weight	700g