



V Series

IP9171-HP (2.8-8 mm)

3MP Box Network Camera



Technical Specifications

System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	128 MB
RAM	512 MB

Camera Specifications	
Image Sensor	1/2.8" Progressive CMOS
Max. Resolution	2048x1536 (3MP)
Lens Type	Vari-focal
Focal Length	f = 2.8 ~ 8 mm
Aperture	F1.2 ~ F1.95
Iris Type	P-iris (DC-iris reserved)
Field of View	51.0° ~ 114.0° (Horizontal) 39.0° ~ 84.0° (Vertical) 63.0° ~ 143.0° (Diagonal)
Shutter Time	1/5 sec. to 1/16,000 sec.
WDR Technology	WDR Pro
Day/Night	Removable IR-cut filter for day & night function
Removable IR-cut filter	Yes
Minimum Illumination	0.01 lux @ F1.2 (Color) 0.001 lux @ F1.2 (B/W)
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)
Storage	Seamless Recording to MicroSD/SDHC/SDXC card
Built-in Installation Aids	Remote back focus

Video	
Compression	H.265, H.264, MJPEG
Maximum Frame Rate	H.264 & H.265 30 fps @ 2048x1536 MJPEG 15 fps @ 2048x1536
Maximum Streams	3 simultaneous streams
Main Stream	H.264 & H.265 30 fps @ 2048x1536, 1600x1200, 1280x960, 800x600, 640x480, 320x240 MJPEG 15 fps @ 2048x1536 25 fps @ 1600x1200 30 fps @ 1280x960, 800x600, 640x480, 320x240
2nd Stream	H.264 & H.265 30 fps @ 2048x1536, 1600x1200, 1280x960, 800x600, 640x480, 320x240 MJPEG 15 fps @ 2048x1536 25 fps @ 1600x1200 30 fps @ 1280x960, 800x600, 640x480, 320x240
3rd Stream	H.264 & H.265 30 fps @ 2048x1536, 1600x1200, 1280x960, 800x600, 640x480, 320x240 MJPEG 15 fps @ 2048x1536 25 fps @ 1600x1200 30 fps @ 1280x960, 800x600, 640x480, 320x240
S/N Ratio	60 dB
Dynamic Range	100 dB
Video Streaming	Adjustable resolution, quality and constrained bit rate control, Smart Stream III
Image Settings	Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks Scheduled profile settings, video rotation, 3DNR, defog, Snapshot Focus, Lens Profile, DIS

Audio	
Audio Capability	Two-way Audio (full duplex)
Compression	G.711, G.726
Interface	External microphone input Audio output

Network	
Users	Live viewing for up to 10 clients
Protocols	802.1X, ARP, CIFS/SMB, CoS, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS, UDP, UPnP
Interface	10BASE-T/100BASE-TX/1000BASE-T Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Supported, specification available at www.onvif.org

Solution Integration	
Video Motion Detection	Motion Detection (Five-window video motion detection)

Alarm and Event	
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Event Trigger	Motion detection, Camera tampering detection, Audio detection, Digital input, Manual trigger, Periodical trigger, System boot, Recording notification
Event Action	Event notification via email, HTTP, FTP, NAS server, SD card, digital output, push notification File upload via email, HTTP, FTP, NAS server, SD card

General	
Connectors	RJ-45 cable connector for 10/100/1000 Mbps Network/PoE connection Audio input Audio output DC 12V power input AC 24V power input Digital input *3 Digital output *1
LED Indicator	System power and status indicator
Power Input	AC 24V, DC 12V, IEEE 802.3af PoE Class 0
Power Consumption	Max. 8.6W
Dimensions	210 (D) x 70 (W) x 63 (H) mm
Weight	623 g
Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Humidity	90% RH (non-condensing)
Warranty	36 months

System Requirements	
Operating System	Microsoft Windows 10/8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above

Included Accessories	
Packing Contents	Quick installation guide, lens