



## V Series

# IP9181-H (No-Lens)

5MP Box Network Camera



## Technical Specifications

### System Information

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

### Camera Specifications

Image Sensor	1/1.8" Progressive CMOS
Max. Resolution	2560x1920(5MP)
Iris Type	DC-Iris ( P-iris reserved)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Removable IR-cut filter	Yes
Minimum Illumination	0.07 lux @ F1.6 (Color) 0.001 lux @ F1.6 (B/W)
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)
Storage	Slot Type: MicroSD/SDHC/SDXC card slot Seamless Recording
Built-in Installation Aids	Remote back focus

### Video

Compression	H.265, H.264, MJPEG
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Maximum Frame Rate	H.265 & H.264: 30 fps @ 2560x1920 60 fps @ 1920x1080 MJPEG: 12 fps @ 2560x1920 30 fps @ 1920x1080
Maximum Streams	4 simultaneous streams
S/N Ratio	57 dB
Dynamic Range	100 dB
Video Streaming	Adjustable resolution, quality and constrained bit rate control, Smart Stream III
Image Settings	Timestamp, text overlay, flip & mirror configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, scheduled profile settings, video rotation, 3D noise reduction, defog, snapshot focus, lens profile, DIS

Audio	
Audio Capability	Two-way audio
Compression	G.711, G.726
Interface	External Mic input External line 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	10 Base-T/100 Base-TX /1000 Base-T Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Profile G, S supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>

AI Analytics	
Application	Line crossing detection, field detection, loitering detection

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

Alarm and Event	
Event Trigger	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
Event Action	Event notification using digital output, HTTP, SMTP, FTP, NAS server, SD Card, push notification File upload via HTTP, SMTP, FTP, NAS server and SD card

General	
Connectors	RJ-45 cable connector for Network 10/100/1000 Mbps PoE connection*1 Audio input*1 Audio output*1 AC/DC 24V power input*1 Digital input*2 Digital output*2 RS-485 *1
LED Indicator	System power and status indicator

Power Input	AC 24V, DC 12V, IEEE 802.3af PoE Class 0
Power Consumption	Max. 9.7 W
Dimensions	151 x 70 x 61 mm (w/o lens) 210 (D) x 70 (W) x 63 (H) mm
Weight	671 g (w/o lens) 766 g (w/ lens)
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 (-22°F ~ 122°F)
Humidity	90% (non-condensing)

### System Requirements

Operating System	Microsoft Windows 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 Quicktime: 7 or above

### Included Accessories

Packing Contents	Quick installation guide, warranty card, lens, screw pack
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