



S Series

VC9101

5MP Modular Network Camera



Technical Specifications

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	8 GB
RAM	2 GB

Camera Specifications

Max. Resolution	depends on CU version; 2688x1520/ 1920x1920
WDR Technology	WDR Pro
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)
Storage	Seamless Recording to MicroSD/SDHC/SDXC card and recording to network-attached storage (NAS)

Video

Compression	H.265, H.264, MJPEG
Maximum Frame Rate	depends on CU sensor
Maximum Streams	3 video streams (Up to 8 configurable profiles)
Dynamic Range	120 dB

Audio

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

Network

Users	Live viewing for up to 10 clients
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Security	Access list, Password protection, Digest authentication, CSRF protection, HTTPS, IEEE 802.1x, Secure boot, Signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event), User access log, User account management
Protocols	802.1X, ARP, Bonjour, CIFS/SMB, CoS, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMPv3, IPv4, IPv6, NTCIP, NTP, PPPoE, QoS, RTSP/RTP/RTCP, SFTP, SMTP, SNMP, SSL, TCP/IP, TLS, UDP, UPnP
Interface	10BASE-T/100BASE-TX 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, T supported, specification available at www.onvif.org

AI Analytics

Compute Capability	SoC with built-in hardware deep learning accelerator
Applications	Face Check VCA (Smart Motion Detection, Face Check) Smart Motion Detection (Five-window video motion detection, Face detection, Time filter)

Solution Integration

VADP Package	Trend Micro IoT Security (Default 3 years), Face Check
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Alarm and Event

Event Trigger	Motion detection, Camera tampering detection, Audio detection, Digital input, Manual trigger, Periodical trigger, System boot, Recording notification, SD card life expectancy, Cybersecurity events (brute force attack event, cyberattack event)
Event Action	Event notification via email, HTTP, FTP/SFTP, NAS server, SD card, digital output, audio clip, camera link, push notification File upload via email, HTTP, FTP/SFTP, NAS server, SD card

General

Connectors	RJ-45 cable connector for 10/100 Mbps Network/PoE connection Audio line input Audio line output DC 12V power input Digital input *1 Digital output *1 (DO+: 12V, 50mA; DO-: 30V, Open Drain, 1A)
LED Indicator	System power and status indicator
Power Input	DC 8V-36V, IEEE 802.3af PoE Class 0 Simultaneous Power Redundancy Supported
Power Consumption	<8.5W
Dimensions	84 (D) x 105 (W) x 30 (H) mm
Weight	190 g
Certifications	EMC CE (EN 55032, EN 55024 Class B), FCC (FCC Part 15 Subpart B Class B), RCM (AS/NZS CISPR 32 Class B), VCCI (VCCI-CISPR 32 Class B) Safety UL (UL 62368-1), CB (IEC/EN 62368-1) Environment IA BSMI (EMC: CNS 13438, Safety: CNS 14336-1)
Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Humidity	Indoor series 90% RH (non-condensing)
Warranty	60 months

System Requirements

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

Included Accessories

Packing Contents	Quick installation guide, screw pack
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