



# CC9381-HV

180° Panoramic Network Camera



5MP • WDR Pro • SNV • 180° Panoramic View •  
15M IR • IK10 • IP66 • 3DNR • Anti-Ligature

VIVOTEK's new CC9381-HV is a vandal-proof IR fisheye network camera offering up to 20 fps at 5-Megapixel resolution (30 fps at 5MP with WDR Off). With its unique design and inconspicuous appearance, the CC9381-HV is suitable for a wide array of environments. Featuring 180° horizontal panoramic views with adjustable 25° tilt angle, the camera allows users amazing flexibility of viewing angles and options. The camera's weather-proof compact size also makes it an ideal choice for indoor and outdoor scenarios such as boutiques, convenience stores, banks, schools, parking lots and residential homes. With its anti-ligature design, it can also be very effective in tough security environments like prisons and mental facilities.

The CC9381-HV can view up to 180 degrees, providing complete video security without losing angle coverage. Featuring WDR

Pro, the camera captures both the dark and bright areas of an image and combines the differences to create a highly realistic representation of the original scene. Further, with added SNV technology, high-quality full-color surveillance video becomes possible even under low-light conditions. Further increasing the level of surveillance, a built-in microphone can record sound within a 5-meter radius.

Last but definitely not least, the CC9381-HV also has built-in 180° IR illuminators up to 15 meters. So no matter day or night, light or dark, the CC9381-HV's versatility is unmatched.

## Key Features

- H.265 Compression Technology
- 5-Megapixel CMOS Sensor
- 20 fps @ 2560x1920 (WDR On), 30 fps @ 2560x1920 (WDR Off)
- 180° Horizontal Panoramic View
- 180° IR Illuminators up to 15 Meters
- WDR Pro (120 dB) to Provide Extreme Visibility in High Light Contrast Scenes
- SNV (Supreme Night Visibility) for Low Light Conditions
- Smart Stream III to Optimize Bandwidth Efficiency
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- ±25° Tilt Lens
- Built-in Microphone
- Anti-Ligature Design



Without 180° IR



With 180° IR

## Technical Specifications

Model	CC9381-HV	Interface	Built-in microphone
<b>System Information</b>		Effective Range	5 meters
CPU	Multimedia SoC (System-on-Chip)	<b>Network</b>	
Flash	256MB	Users	Live viewing for up to 10 clients
RAM	512MB	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
<b>Camera Features</b>		Interface	10Base-T/100 BaseTX Ethernet (RJ-45) *It is highly recommended to use standard Cat. 5e & Cat. 6 cables which are compliant with the 3P/ETL standard.
Image Sensor	1/2.7" Progressive CMOS	ONVIF	Supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>
Max. Resolution	2560x1920 (5MP)	<b>Intelligent Video</b>	
Lens Type	Fixed-focal	Video Motion Detection	Five-window video motion detection
Focal Length	f = 1.45 mm	VADP Package	Genetec Package, Trend Micro IoT Security
Aperture	F2.2	<b>Alarm and Event</b>	
Iris type	Fixed-iris	Alarm Triggers	Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, SD card life expectancy, cybersecurity events (brute force attack event, cyberattack event and quarantine event)
Field of View	180° (horizontal) 120° (vertical) 180° (diagonal)	Alarm Events	Event notification via email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card
Shutter Time	1/5 sec. to 1/32,000 sec.	<b>General</b>	
WDR Technology	WDR Pro	Connectors	RJ-45 cable connector for 10/100Mbps Network/PoE connection
Day/Night	Yes	LED Indicator	System power and status indicator
Removable IR-cut filter	Yes	Power Input	IEEE 802.3af PoE Class 0
IR Illuminators	Built-in IR illuminators, effective up to 15 meters with Smart IR	Power Consumption	Max. 6.7 W
Minimum Illumination	0.11 Lux @ F2.2 (Color) 0.01 Lux @ F2.2 (B/W) 0 Lux with IR Illuminators on	Dimensions	159.9 x 71.92 x 60.2 mm (Dome to rear panel), 39.2 mm (Flat to rear panel)
Tilt Range	±25°	Weight	492 g
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)	Casing	IP66, IK10
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
<b>Video</b>		Operating Temperature	Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F)
Compression	H.265, H.264, MJPEG	Humidity	90%
Maximum Frame Rate	20 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR Off)	Warranty	24 months
Maximum Streams	3 simultaneous streams	<b>System Requirements</b>	
S/N Ratio	62 dB	Operating System	Microsoft Windows 8/7 Mac 10.12 (Chrome only)
Dynamic Range	120 dB	Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Video Streaming	Adjustable resolution, quality and bitrate; Smart Stream III		
Image Settings	Time stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculator		
<b>Audio</b>			
Audio Capability	One-way Audio		
Compression	G.711, G.726		

## Technical Specifications

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Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
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### Included Accessories

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Others	Quick installation guide, warranty card, mounting bracket, tilt bracket, screw pack
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### Dimensions

