VIVOTEK

C series 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

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	256MB
RAM	512MB

Camera Features

Image Sensor	1/2.7" Progressive CMOS
Max. Resolution	2560x1920 (5MP)
Lens Type	Fixed-focal
Focal Length	f = 1.45 mm
Aperture	F2.2
Iris type	Fixed-iris
Field of View	180° (horizontal) 120° (vertical) 180° (diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Removable IR-cut filter	Yes
IR Illuminators	Buil-in IR illuminators, effective up to 15 meters with Smart IR
Minimum Illumination	0.11 Lux @ F2.2 (Color) 0.01 Lux @ F2.2 (B/W) 0 Lux with IR Illuminators on
Tilt Range	±25°
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording

Video

Compression	H.265, H.264, MJPEG
Maximum Frame Rate	20 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR Off)
Maximum Streams	3 simultaneous streams
S/N Ratio	62 dB
Dynamic Range	120 dB
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

Audio

Audio Capability	One-way Audio
Compression	G.711, G.726
Interface	Built-in microphone
Effective Range	5 meters

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/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.
ONVIF	Supported, specification available at www.onvif.org

Intelligent Video

Video Motion Detection	Five-window video motion detection
VADP Package	Genetec Package, Trend Micro IoT Security

Alarm and Event

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)
Alarm Events	Event notification via email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card

General

Connectors	RJ-45 cable connector for 10/100Mpbs Network/PoE connection
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 0
Power Consumption	Max. 6.7 W
Dimensions	159.9 x 71.92 x 60.2 mm (Dome to rear panel), 39.2 mm (Flat to rear panel)
Weight	492 g
Casing	IP66, IK10
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
Operating Temperature	Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F)
Humidity	90%
Warranty	24 months

System Requirements

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

Technical Specifications

Other Players	VLC: 1.1.11 or above QuickTime: 7 or above

Included Accessories

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

Dimensions

71.92 mm

60.2 mm

39.2 mm

159.9 mm