VIVOTEK

CC8371-HV
180° Panoramic Network Camera

C series

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

VIVOTEK's CC8371-HV is a vandal-proof IR fisheye network camera offering up to 30 fps at 3-Megapixel resolution. With its unique design and inconspicuous appearance, the CC8371-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. Without ligature edges, it can also be very effective in tough security installations like prisons and mental facilities.

The CC8371-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. These combined features enable the camera to provide video quality remarkably close to the capabilities of the human eye. Further increasing the level of surveillance, a built-in microphone can record sound within a 5-meter radius.

The CC8371-HV also has built-in 180° IR illuminators up to 15 meters. So no matter day or night, light or dark, the CC8371-HV's versatility is unmatched.

Key Features

· 3-Megapixel CMOS Sensor
· 30 fps @ 2048x1536
· Anti-Ligature Design
· 180° Horizontal Panoramic View
· 180° IR Illuminators up to 15 Meters
· WDR Pro (100dB) to Provide Extreme Visibility in High Light Contrast Scenes
· SNV (Supreme Night Visibility)
· Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
· ±25° Tilt Lens
· Built-in Microphone
· 3D Noise Reduction for Low-light Conditions
· Real-time H.264 and MJPEG Compression (Dual Codec)
· Built-in IEEE 802.3af Compliant PoE
· Built-in MicroSD/SDHC/SDXC card slot

Without 180° IR

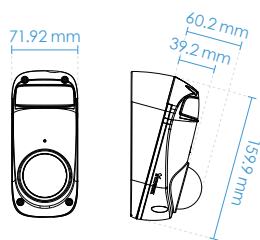With 180° IR

Technical Specifications

Model	CC8371-HV

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	256MB

Camera Features

Image Sensor	1/2.8" Progressive CMOS
Maximum Resolution	2048x1536 (3MP)
Lens Type	Fixed-focal
Focal Length	f = 1.45 mm
Aperture	F2.2
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	Removable IR-cut filter for day & night function
Minimum Illumination	<0.07 Lux @ F2.2 (Color) <0.001 Lux @ F2.2 (B/W)
Tilt Range	±25°
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)
IR Illuminators	Built-in IR illuminators, effective up to 15 meters with Smart IR
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording

Video

Compression	H.264 & MJPEG
Maximum Frame Rate	30 fps @ 2048x1536
Maximum Streams	3 simultaneous streams
S/N Ratio	59.2 dB
Dynamic Range	100 dB
Video Streaming	Adjustable resolution, quality and bitrate; Smart Stream II
Image Settings	Time stamp, text overlay, flip & mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, pixel calculator, 3D-Noise reduction, white balance, exposure control, gain, backlight compensation, privacy masks

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	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X ,SSL/TLS, ARP, NTCIP, CIFS/SMB
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

Alarm and Event

Alarm Triggers	Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
Alarm Events	Event notification using HTTP, SMTP, FTP, NAS server and MicroSD Card File upload via HTTP, SMTP, FTP, NAS server and MicroSD card

General

Connectors	RJ-45 for Network/PoE connection
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 0
Power Consumption	Max. 11.3 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
Web Browser	Internet Explorer 10/11
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

Technical Specifications

Dimensions

71.92 mm

60.2 mm

39.2 mm

159.9 mm