CC8370-HV

Anti-Ligature Fisheye Network Camera

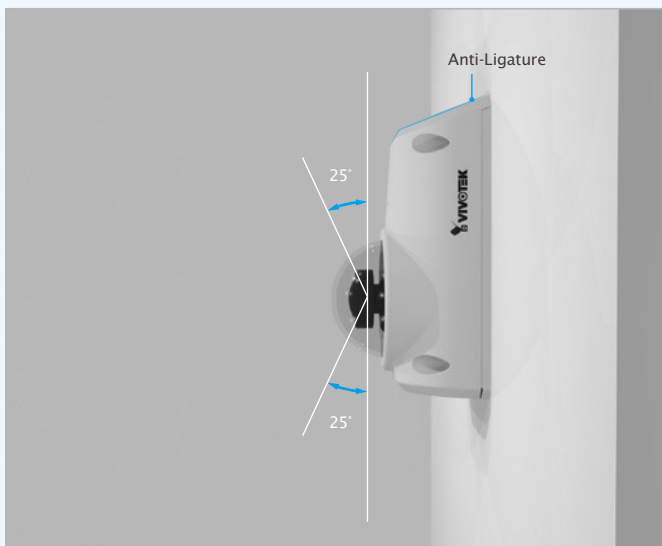**3MP · WDR Pro · 3DNR · 180˚ Panoramic View · IK10 · IP66 · SNV · Anti-Ligature · Anti-Grip**

VIVOTEK's CC8370-HV is a vandal-proof fisheye network camera offering up to 30 fps at 3-Megapixel resolution. With its unique anti-grip design and inconspicuous appearance, the CC8370-HV plays a life secure guard role in unique security environments. Without ligature edges, it will effectively eliminate self-harm and suicide happen, ideal for detention house, holding cells, psychiatric ward, mental hospital, and correctional institution. 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 scenario such as boutique, convenience store, bank, school, parking lot and street.

The CC8370-HV can view at a wide angle of 180 degrees, providing complete video security with no dead angles. 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. When installing the unit, the unique mounting design facilitates easy installation on a wall or desktop in order to capture faces at eye level. Further increasing the level of surveillance, a built-in microphone which records sound within a 5 meter radius.

The CC8370-HV also supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. Together with the VAST multi-lingual 32-channel recording software, users can simply and quickly set up an easy-to-use IP surveillance system.

Key Features

- 3-Megapixel CMOS Sensor
- 30fps @ 2048x1536
- Anti-Ligature Design
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- 180˚ Horizontal Panoramic View
- ±25˚ Tilt Lens
- WDR Pro (100dB) to Provide Extreme Visibility in High Light Contrast Scenes
- Video Rotation
- Built-in Microphone
- SNV (Supreme Night Visibility)
- 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

The World's First Adjustable Tilt Angle Fisheye Network Camera
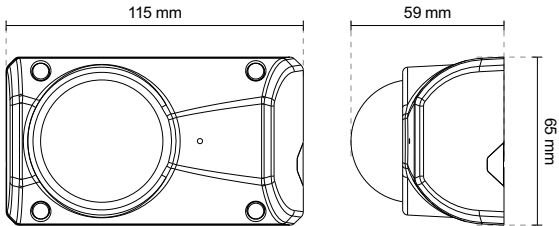

Day Mode

Night Mode

Parking Garage

Jewelry Shop

Technical Specifications

Model	CC8370-HV

System Information

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

Camera Features

Image Sensor	1/2.8" Progressive CMOS
Maximum Resolution	2048x1536
Lens Type	Fixed-focal
Focal Length	1.6 mm
Aperture	F2.0
Field of View	180˚ (horizontal) 130˚ (vertical) 180˚ (diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Minimum Illumination	0.05 Lux @ F2.0 (Color)
Pan/tilt/zoom Functionalities	ePTZ: 4x digital zoom IE plug-in
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording

Video

Compression	H.264 & MJPEG
Maximum Frame Rate	30fps @ 2048x1536
Maximum Streams	3 simultaneous streams
S/N Ratio	58.8 dB
Dynamic Range	100 dB
Video Streaming	Adjustable resolution, quality and bitrate
Image Settings	Adjustable image size, quality and bit rate; Time stamp, text overlay, flip & mirror & rotate; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks; Scheduled profile settings

Audio

Audio Capability	One-way Audio
Compression	G.711, G.726
Interface	Buit-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, UDP, ICMP, ARP, SSL, TLS, CIFS/SMB

Interface	10Base-T/100BaseTX 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 1
Power Consumption	Max. 4.9 W
Dimensions	115 (D) x 65 (W) x 59 (H) mm
Weight	Net: 331g
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)
Warranty	24 months

System Requirements

Operating System	Microsoft Windows 8/7
Web Browser	Mozilla Firefox 7~43 (streaming only) 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, screw pack

Dimensions

115 mm 59 mm 65 mm