CC8370-HV

Fisheye Network Camera

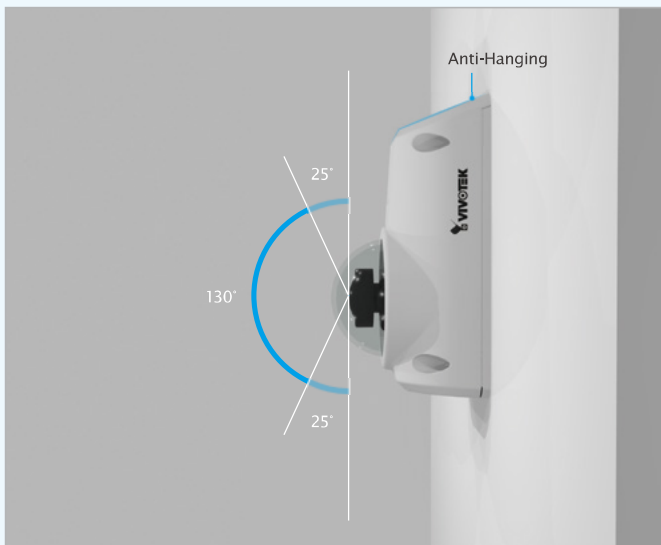3MP · WDR Pro · 3DNR · 180° Panoramic View · IK10 · IP66 · SNV

VIVOTEK's CC8370-HV is a Vandal-proof cube network camera offering up to 30 fps @ 3-Megapixel resolution. Its unique design makes it the best choice for boutique, department or convenience stores.

The CC8370-HV can view at a wide angle of 180 degrees, providing complete video security with no dead angles. Featuring with 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, and with SNV technology, it makes high-quality full-color surveillance video possible under low-light conditions. These features enable the camera to provide video quality nearing the capabilities of the human eye. The unique mounting design facilitates easy installation on a wall or desktop in order to capture faces at eye level. A built-in microphone which records sound within a 5 meter radius further increases the level of surveillance.

The CC8370-HV also supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. Together with the ST7501 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
· WDR Pro (100dB) to Provide Extreme Visibility in High Light Contrast Scenes
· SNV (Supreme Night Visibility)
· 3D Noise Reduction for Low-light Conditions
· Video Rotation
· 180° Horizontal Panoramic View
· Real-time H.264 and MJPEG Compression (Dual Codec)
· Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
· Built-in IEEE 802.3af Compliant PoE
· Built-in Microphone
· Built-in MicroSD/SDHC/SDXC card slot
· ±25° Tilt Lens
· Anti-Hanging Design

The World's First Adjustable FOV Fisheye Camera

Jail

Retail Store

180° Panoramic View

Technical Specifications

Model	CC8370-HV

System Information

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

Camera Features

Image Sensor	1/3 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	MicroSD/SDHC/SDXC card slot

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	Audio input
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

Interface	10Base-T/100 BaseTX Ethernet (RJ-45)
ONVIF	Supported, specification available at www.onvif.org

Intelligent Video

Video Motion Detection	Five-window video motion detection

Alarm and Event

Alarm Triggers	Video 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 SD Card File upload via HTTP, SMTP, FTP, NAS server and SD 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	PoE 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: 0˚C ~ 50˚C (32˚F~ 122˚F) Working Temperature: -10˚C ~ 50˚C (14˚F~ 122˚F)
Warranty	24 months

System Requirements

Operating System	Microsoft Windows 8/7/Vista/XP/2000
Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9/10
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