VIVOTEK
BUILT WITH RELIABILITY

Bullet
Network Camera
IP8372

5MP • 30M IR • Smart Focus System • IP67 • Cable Management

VIVOTEK IP8372 is a professional bullet camera offering 5-Megapixel or 1080p Full HD resolution with superb image quality up to 30 fps. Featuring 5-Megapixel resolution and high-performance H.264/MPEG-4/MJPEG compression technology, the IP8372 offers extra-smooth video and wide coverage.

The IP8372 employs many advanced features to allow users to fully utilize the high definition video. The ePTZ function enables users to zoom in and focus on a region of interest (ROI) in the camera view with only a few clicks of a mouse.
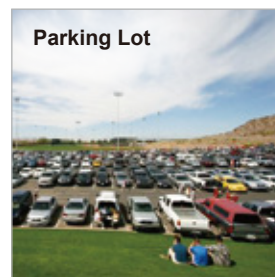
For installers, properly adjusting the focus of a megapixel network camera can be difficult due to the level of image detail. The Smart Focus System allows for easy installation and adjustment by adopting a lens with a built-in stepper motor that can remotely control the focal length and precisely adjust the camera focus, offering hassle-free installation and maintenance.

Aimed at outdoor surveillance, the IP8372 is furnished with an auto-iris lens, a removable IR-cut filter, and 30-meter IR illuminators for superior image quality around the clock. Moreover, the IP67-rated housing protects against rain and dust and ensures functional operation in all types of weather conditions. For easy management and waterproofing, the IP8372 is also equipped with a mounting bracket that conceals all cables within.

With other advanced features such as tamper detection, 802.3af compliant PoE, SD/SDHC/SDXC card on-board storage, and two-way audio, the IP8372 is an all-in-one network camera for detailed surveillance in outdoor environments.
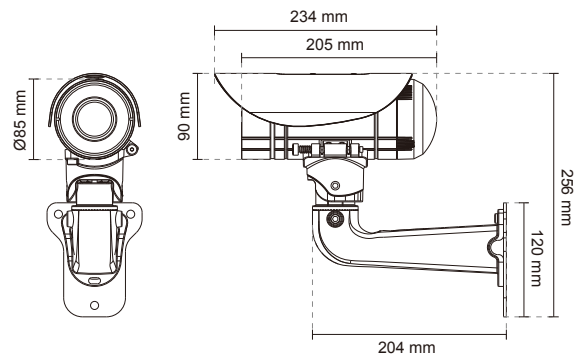
Features

- 5-Megapixel CMOS Sensor
- 30 fps @ 1080p Full HD
- 3.79 ~ 9 mm Vari-focal, DC-iris Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 Meters
- Real-time H.264, MPEG-4, and MJPEG Compression (Triple Codec)
- WDR Enhancement for Unparalleled Visibility in Extremely Bright or Dark Environments
- Smart Focus System for Remote and Precise Focus Adjustment
- Weather-proof IP67-rated Housing
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Mounting Bracket with Cable Management for Protected Installation

Parking Lot

Train Station

Sidewalk

IP67, IR Illuminators

Technical Specifications

System Information

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

Camera Features

Image Sensor	1/2.5" Progressive CMOS
Maximum Resolution	2560x1920
Lens Type	Vari-focal
Focal Length	f = 3.79 ~ 9 mm
Aperture	F1.8 (wide), F3.4 (tele)
Auto-iris	DC-iris
Field of View	35.45° ~ 73° (horizontal) 26.69° ~ 54.77° (vertical) 43.99° ~ 90.91° (diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Enhanced
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	0.03 Lux @ F1.8, 50 IRE (Color) 0.001 Lux @ F1.8, 50 IRE (B/W)
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 30 meters IR LED*24, High Power IR LED*2
On-board Storage	MicroSD/SDHC/SDXC card slot

Video

Compression	H.264, MJPEG & MPEG-4
Maximum Frame Rate	H.264: 10 fps at 2560x1920 30 fps at 1920x1080 MPEG-4: 10 fps at 1920x1536 25 fps at 1920x1080 MJPEG: 13 fps at 2560x1920 30 fps at 1920x1080
Maximum Streams	3 simultaneous streams
S/N Ratio	Above 61 dB
Dynamic Range	57 dB
Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving
Image Settings	Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks Scheduled profile settings

Audio

Audio Capability	Audio input/output (full duplex)
Compression	GSM-AMR, AAC, G.711
Interface	External microphone input External line output

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
Interface	10Base-T/100 BaseTX Ethernet (RJ-45)
ONVIF	Ver. 1.02

Intelligent Video

Video Motion Detection	Triple-window video motion detection

Alarm and Event

Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server

General

Smart Focus System	Remote focal & focus control
Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output AC 24V power input DC 12V power inout Digital input*2 Digital output*1
LED Indicator	System power and status indicator
Power Input	24V AC12V DC IEEE 802.3af PoE Class 3
Power Consumption	Max. 9.8 W (DC 12V) Max. 11.6 W (AC 24V) Max 11.8 W (PoE)
Dimensions	Ø: 85 mm x 205 mm
Weight	Net: 1750 g
Casing	Weather-proof IP67-rated housing
Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick
Operating Temperature	Starting Temperature: -20°C ~ 50°C (-4°F ~ 122°F) Working Temperature: -30°C ~ 50°C (-22°F ~ 122°F)
Warranty	24 months

System Requirements

Operating System	Microsoft Windows 7/Vista/XP/2000
Web Browser	Mozilla Firefox 7~10 (Streaming only) Internet Explorer 7.x or 8.x
Other Players	VLC: 1.1.11 or above Quicktime: 7 or above

Included Accessories

CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Others	Quick installation guide, warranty card, sun shield, wall mount bracket, waterproof connector for RJ45 Ethernet enclosure, alignment sticker / desiccant bag, waterproof connector

Dimensions

234 mm
205 mm
Ø85 mm
90 mm
256 mm
120 mm
204 mm

Compatible Accessories

Mounting Kits

AM-311
Pole Mount Adaptor

AM-411
Corner Mount Adaptor

Power Adapter

AA-221
DC 12V Power Adapter

PoE Kits

MS-POE-IJAF
PoE injector, 802.3af compliant

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