VIVOTEK

IB8382-T/-ET
IB8382-F3/-EF3

V series
C series

Bullet Network Camera

5MP · 30M IR · WDR Enhanced · 3DNR · P-iris · Remote Focus · Smart Stream · Smart IR · Video Rotation · IP66 · IK10 · Cable Management · Extreme Weather · Defog

VIVOTEK's IB8382 is a series of economic professional outdoor bullet network cameras in VIVTOTEK's 5MP Lite series which offer up to 15 fps at 5-Megapixel or 30 fps at 1080p resolution at a competitive price. Equipped with a new high resolution image sensor, different from other 5MP cameras, the IB8382 series provides sharper image quality and finer detail at a cost-effective price. And with powerful 3D Noise Reduction technology and Smart Stream technology the IB8382 series can also optimize resolution for a desired object or area to maximize efficiency of bandwidth usage.
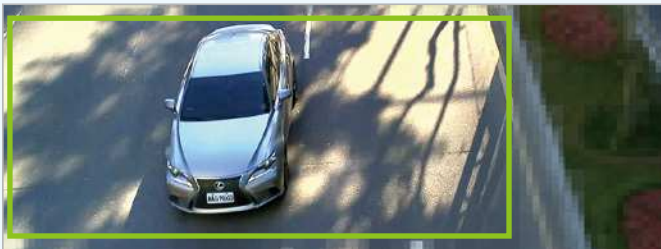
To create the perfect focus required to reap the benefits of higher resolutions, VIVOTEK's IB8382 series provides the options of both fixed focus, used for simple operation without electrical power, and remote focus with built-in stepping motors and P-iris for precise adjustment remotely.

To provide higher resolution in outdoor and harsh environments, VIVOTEK's IB8382 series is also armed with IP66-rated housing to help the camera body withstand rain, dust and high pressure water jets from any direction, while its IK10-rated housing provides protection against acts of vandalism or other impacts. Additionally, a wide operating temperature range further improves the IB8382-EF3 and IB8382-ET's performance and reliability in extremely cold or warm weather, even when using PoE.

With the highly flexible VADP (VIVOTEK Application Development Platform), users can extend the features of this series by adding third-party applications for the IB8382-F3, IB8382-EF3, IB8382-T, and IB8382-ET. Thus the IB8382 series is not only equipped with multiple focusing methods and wide temperature range options, is but ideal for a wide variety of applications.

Key Features

- 5-Megapixel CMOS Sensor
- 15 fps @ 2560x1920, 30 fps @ 1920x1080
- 3 ~ 9 mm, Vari-focal, Remote Focus, P-iris Lens (IB8382-T/-ET)
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 Meters
- Smart IR Technology to Avoid Overexposure
- Smart Stream to Optimize Bandwidth Efficiency
- WDR Enhancement for Unparalleled Visibility in Extremely Bright and Dark Environments
- 3D Noise Reduction for Low-light Conditions
- Two-way Audio
- Video Rotation for Corridor View
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- Extreme Weather Support with PoE (IB8382-EF3/-ET)

Smart Stream - Manual Mode

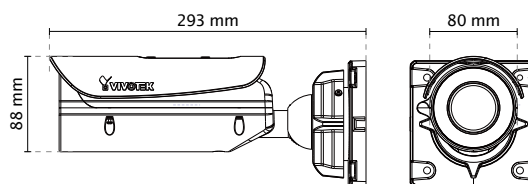Smart Stream - Auto Mode

Entrance

Campus

Parking Lot

Train Station

Technical Specifications

Model	IB8382-T: Vari-focal, P-iris, Remote Focus IB8382-ET: Vari-focal, P-iris, Remote Focus, Extreme Weather IB8382-F3: Fixed-focal IB8382-EF3: Fixed-focal, Extreme Weather

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	1Gb
RAM	4Gb

Camera Features

Image Sensor	1/3.2" Progressive CMOS
Maximum Resolution	2560x1920 (5MP)
Lens Type	Vari-focal, Remote Focus (IB8382-T/-ET) Fixed-focal (IB8382-F3/-EF3)
Focal Length	IB8382-T/IB8382-ET: f = 3 ~ 9 mm IB8382-F3/IB8382-EF3: f = 3.6 mm
Aperture	IB8382-T/IB8382-ET: F1.2 ~ F2.3 IB8382-F3/IB8382-EF3: F2.1
Auto-iris	P-iris (IB8382-T/IB8382-ET)
Field of View	IB8382-T/IB8382-ET: 35˚ ~ 78˚ (Horizontal) 27˚ ~ 54˚ (Vertical) 44˚ ~ 100˚ (Diagonal) IB8382-F3/IB8382-EF3: 68˚ (Horizontal) 51˚ (Vertical) 89˚ (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	IB8382-T/IB8382-ET: 0.04 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (B/W) IB8382-F3/IB8382-EF3: 0.089 Lux @ F2.1 (Color) 0.001 Lux @ F2.1 (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 with Smart IR IR LED*8
On-board Storage	Slot type: SD/SDHC/SDXC card slot Seamless Recording

Video

Compression	H.264 & MJPEG
Maximum Frame Rate	15 fps @ 2560x1920 15 fps @ 2048x1536 30 fps @ 1920x1080 In both compression modes
Maximum Streams	4 simultaneous streams
S/N Ratio	Above 65 dB
Dynamic Range	70 dB
Video Streaming	Adjustable resolution, quality and bitrate; Smart Stream
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, 3D noise reduction, video rotation, defog

Audio

Audio Capability	Two-way Audio (full duplex)
Compression	G.711, G.726
Interface	External microphone input Audio 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, UDP, ICMP, ARP, SSL, TLS, 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, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP, NAS server and SD Card File upload via HTTP, SMTP, FTP, NAS server and SD card

General

Smart Focus System	IB8382-T/IB8382-ET: Remote Focus
Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output DC 12V power input Digital input*1 Digital output*1
LED Indicator	System power and status indicator
Power Input	DC 12V IB8382-T/-F3: IEEE 802.3af/at PoE Class 0 IB8382-ET/-EF3: IEEE 802.3at PoE Class 4
Power Consumption	IB8382-T: Max. 9.5 W IB8382-ET/-EF3: Max. 25 W (Heater on) IB8382-F3: Max. 9 W
Dimensions	Ø 88 x 293 mm
Weight	Net: 1264 g
Casing	Weather-proof IP66-rated housing Vandal-proof IK10-rated metal housing (Casing only)
Safety Certifications	IB8382-T/-ET: CE, LVD, FCC Class A, VCCI, C-Tick, UL IB8382-F3/-EF3: CE, LVD, FCC Class A, VCCI, C-Tick
Operating Temperature	IB8382-T/-F3: Starting Temperature: -10˚C ~ 50˚C (14˚F~ 122˚F) Working Temperature: -20˚C ~ 50˚C (-4˚F~ 122˚F) IB8382-ET/-EF3: Starting Temperature: -40˚C ~ 50˚C (-40˚F ~ 122˚F) Working Temperature: -50˚C ~ 50˚C (-58˚F ~ 122˚F)
Warranty	IB8382-T/-ET: 36 months IB8382-F3/-EF3: 24 months

System Requirements

Operating System	Microsoft Windows 7/8
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

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

Dimensions

Compatible Accessories

Mounting Kits			PoE Kits
AM-312 Pole Mount Adapter	AM-412 Corner Mount Adapter	AM-714 Junction Box	AP-FXC-0250 Outdoor 2-Port FE PoE Extender

VIVOTEK INC.