VIVOTEK’s IB8382 is a series of economic professional outdoor bullet network cameras in VIVOTEK’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, it 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

Entrance

Parking Lot

Smart Stream - Auto Mode

Campus

Train Station
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:
0.039 Lux @ F2.1 (Color)
0.001 Lux @ F2.1 (B/W)
Pan/tilt/zoom Functionality
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,
ICMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS,
QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL, TLS, CIFS/SMB
Interface
10Base-T/100 BaseT Ethernet (RJ-45)
* It is highly recommended to use standard Cat. 5e & Cat.
6 cables which are compliant with the J/FTP 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/ET:
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

<table>
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<th>Mounting Kits</th>
<th>PoE Kits</th>
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<td>AM-312</td>
<td>AM-412</td>
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<tr>
<td>Pole Mount Adapter</td>
<td>Corner Mount Adapter</td>
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