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

## Bullet Network Camera

**5MP · P-iris · 30M IR · Remote Focus · IP66 · IK10 · 3DNR · Smart IR · Cable Management · Extreme Weather · Smart Stream**

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.
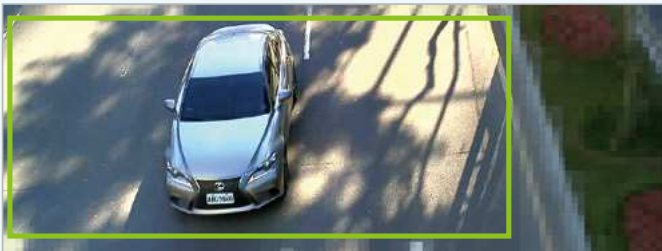
To create the perfect focus required to reap the benefits of higher resolutions, VIVOTEK's IB8382 series provides the options of both fixed focus, used for simple operation without electrical power, and remote focus with built-in stepping motors and P-iris for precise adjustment remotely.

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.
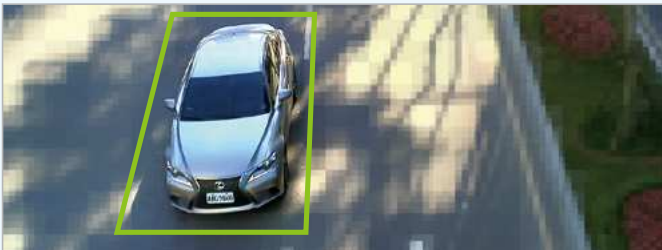
With the highly flexible VADP (VIVOTEK Application Development Platform), users can extend the features of this series by adding third-party applications for the IB8382-F3, IB8382-EF3, IB8382-T, and IB8382-ET. Thus the IB8382 series is not only equipped with multiple focusing methods and wide temperature 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, IB8382-ET)
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 Meters
- 3D Noise Reduction for Low-light Conditions
- Smart IR Technology to Avoid Overexposure
- Smart Stream to Optimize Bandwidth Efficiency
- Real-time H.264, and MJPEG Compression
- Two-way Audio
- WDR Enhancement for Unparalleled Visibility in Extremely Bright and Dark Environments
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- Extreme Weather Support with PoE (IB8382-EF3/-ET)
- VIVOTEK VCA (Video Content Analysis) Support
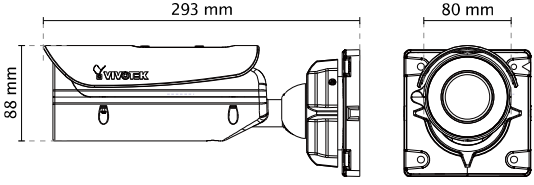
Smart Stream - Manual Mode

Entrance

Campus

## Technical Specifications

| | |
|---|---|
| Model | IB8382-F3/IB8382-EF3<br>IB8382-T/IB8382-ET |

### System Information

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

### Camera Features

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|---|---|
| Image Sensor | 1/3.2" Progressive CMOS |
| Maximum Resolution | 2560x1920 (5MP) |
| Lens Type | Vari-focal, Remote Focus (IB8382-T/-ET),<br>Fixed-focal (IB8382-F3/-EF3) |
| Focal Length | IB8382-F3/IB8382-EF3: f = 3.6 mm<br>IB8382-T/IB8382-ET: f = 3 ~ 9 mm |
| Aperture | IB8382-F3/IB8382-EF3: F2.1<br>IB8382-T/IB8382-ET: F1.2 ~ F2.3 |
| Auto-iris | P-iris (IB8382-T/IB8382-ET) |
| Field of View | IB8382-F3/IB8382-EF3:<br>92° (Horizontal)<br>76° (Vertical)<br>105° (Diagonal)<br>IB8382-T/IB8382-ET:<br>35° ~ 78° (Horizontal)<br>27° ~ 54° (Vertical)<br>44° ~ 100° (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-F3/IB8382-EF3:<br>0.089 Lux @ F2.1 (Color)<br>0.001 Lux @ F2.1 (B/W)<br>IB8382-T/IB8382-ET:<br>0.04 Lux @ F1.2 (Color)<br>0.001 Lux @ F1.2 (B/W) |
| Pan/tilt/zoom Functionalities | ePTZ:<br>48x digital zoom (4x on IE plug-in, 12x built in) |
| IR Illuminators | Built-in IR illuminators, effective up to 30 meters<br>with Smart IR<br>IR LED*8 |
| On-board Storage | SD/SDHC/SDXC card slot |

### Video

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|---|---|
| Compression | H.264 & MJPEG |
| Maximum Frame Rate | H.264:<br>15 fps @ 2560x1920<br>15 fps @ 2408x1536<br>30 fps @ 1920x1080<br>MJPEG:<br>15 fps @ 2560x1920<br>15 fps @ 2408x1536<br>30 fps @ 1920x1080 |
| Maximum Streams | 4 simultaneous streams |
| S/N Ratio | Above 65 dB |
| Dynamic Range | 70 dB |
| Video Streaming | Adjustable resolution, quality and bitrate |
| Image Settings | Adjustable image size, quality and bit rate, time stamp,<br>text overlay, flip & mirror, configurable brightness,<br>contrast, saturation, sharpness, white balance, exposure<br>control, gain, backlight compensation, privacy masks,<br>scheduled profile settings, Seamless recording, Smart<br>Stream, 3D Noise Reduction, Video Rotation, Defog |

### Audio

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|---|---|
| Audio Capability | Audio input/output (full duplex) |
| Compression | G.711, G.726 |
| Interface | External microphone input<br>Audio output |

### Network

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|---|---|
| Users | Live viewing for up to 10 clients |
| Protocols | IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP,<br>IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS,<br>QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL, TLS |
| Interface | 10Base-T/100 BaseTX Ethernet (RJ-45)<br>*It is highly recommended to use standard Cat. 5e & Cat.<br>6 cables which are compliant with the 3P/ETL standard. |
| ONVIF | Supported, specification available at www.onvif.org |

### Intelligent Video

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| Video Motion Detection | Five-window video motion detection |

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| VCA* | Line crossing detection, field detection, loitering<br>detection |

### Alarm and Event

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|---|---|
| Alarm Triggers | Video motion detection, manual trigger, digital input,<br>periodical trigger, system boot, recording notification,<br>camera tampering detection, audio detection |
| Alarm Events | Event notification using digital output, HTTP, SMTP, FTP<br>and NAS server, SD Card<br>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<br>Audio input<br>Audio output<br>DC 12V power input<br>Digital input*1<br>Digital output*1 |
| LED Indicator | System power and status indicator |
| Power Input | DC 12V<br>IEEE 802.3at PoE |
| Power Consumption | IB8382-F3:<br>Max. 7.5 W (DC12V)<br>Max. 9 W (PoE)<br>IB8382-T:<br>Max. 8 W (DC12V)<br>Max. 9.5 W (PoE)<br>IB8382-EF3/IB8382-ET:<br>Max. 21 W (DC12V)<br>Max. 25 W (PoE) |
| Dimensions | Ø 88 x 293 mm |
| Weight | Net: 1264 g |
| Casing | Weather-proof IP66-rated housing, IK10 (Camera body) |
| Safety Certifications | IB8382-F3/-EF3:<br>CE, LVD, FCC ClassB, VCCI, C-Tick<br>IB8382-T/-ET:<br>CE, LVD, FCC ClassA, VCCI, C-Tick, UL |
| Operating Temperature | IB8382-T/-F3:<br>Starting Temperature: -10°C ~ 50°C (14°F~ 122°F)<br>Working Temperature: -20°C ~ 50°C (-4°F~ 122°F)<br>IB8382-ET/-EF3:<br>Starting Temperature: -40°C ~ 50°C (-40°F ~ 122°F)<br>Working Temperature: -50°C ~ 50°C (-58°F ~ 122°F) |
| Warranty | IB8382-F3/-EF3: 24 months<br>IB8382-T/-ET: 36 months |

### System Requirements

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|---|---|
| Operating System | Microsoft Windows 7/8/Vista/XP/2000 |
| Web Browser | Mozilla Firefox 7~10 (Streaming only)<br>Internet Explorer 7/8/9/10/11 |
| Other Players | VLC: 1.1.11 or above<br>Quicktime: 7 or above |

### Included Accessories

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

## Dimensions



293 mm   80 mm   88 mm

* Available per project request

## Compatible Accessories

### Mounting Kits

**AM-311**
Pole Mount Adaptor

**AM-411**
Corner Mount Adaptor

**AM-714**
Junction Box