



IB8377-H

Bullet Network Camera



4MP · 30M IR · WDR Pro · Smart Stream II · IP66 ·
IK10 · Video Rotation · Defog

VIVOTEK's IB8377-H is an outdoor-ready 4-Megapixel IR bullet network camera offering 30 fps at 2688x1520 superb image quality. Enabled with WDR Pro technology and a 2.8 ~ 12 mm vari-focal lens, the IB8377-H is capable of providing improved visibility in high contrast environments.

In order to adapt to constantly changing outdoor lighting conditions, the IB8377H features a removable IR-cut filter as well as IR illuminators effective up to 30 meters for superior image quality around the clock. The camera is also armed with a weather-proof IP66- and vandal proof IK10-rated housing, helping the camera body to withstand both harsh conditions and acts of vandalism.

The IB8377-H features VIVOTEK's sophisticated Smart Stream II technology, allowing the camera to optimize image quality for desired regions, and thus ensuring maximum efficiency of bandwidth usage and savings of up to 50% on bandwidth and storage requirements.

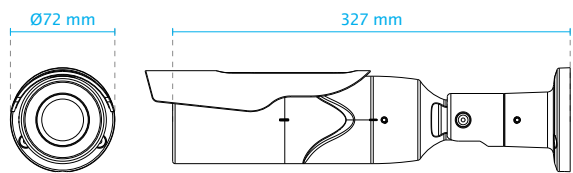
With other advanced features such as video rotation, defog, a dedicated MicroSD/SDHC/SDXC card slot, and VIVOTEK's 32-channel recording software, the all-in-one IB8377-H is ideal for various outdoor surveillance needs.

Key Features

- 4-Megapixel CMOS Sensor
- 30 fps @ 2688x1520
- Real-time H.264, MJPEG Compression (Dual Codec)
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 Meters
- Smart IR Technology to Avoid Overexposure
- WDR Pro for Unparalleled Visibility in Extremely Bright and Dark Environments (supports up to 2560x1440)
- Smart Stream II to Optimize Bandwidth Efficiency
- 3D Noise Reduction
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability

Technical Specifications

| | |
|-------------------------------|---|
| Model | IB8377-H |
| System Information | |
| CPU | Multimedia SoC (System-on-Chip) |
| Flash | 128MB |
| RAM | 256MB |
| Camera Features | |
| Image Sensor | 1/3" progressive CMOS |
| Maximum Resolution | 2688x1520 (4MP) |
| Lens Type | Vari-focal |
| Focal Length | f = 2.8 ~ 12 mm |
| Aperture | F1.4 ~ 2.2 |
| Auto-iris | DC-iris |
| Field of View | 33° ~ 105° (H) 18° ~ 54° (V) 38° ~ 125° (D) |
| Shutter Time | 1/5 sec. to 1/16,000 sec. |
| WDR Technology | WDR Pro |
| Day/Night | Removable IR-cut filter for day & night function |
| Minimum Illumination | 0.1 Lux @ F1.4 (Color) 0.01 Lux @ F1.4 (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*10 |
| On-board Storage | Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording |
| Video | |
| Compression | H.264 & MJPEG |
| Maximum Frame Rate | 30 fps @ 2688x1520 (without WDR Pro) 24 fps @ 2560x1440 |
| Maximum Streams | 3 simultaneous streams |
| S/N Ratio | 51.5dB |
| Dynamic Range | 110dB |
| Video Streaming | Adjustable resolution, quality and bitrate; Smart Stream II |
| Image Settings | 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 |
| 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 |
| Interface | 10 Base-T/100 BaseTX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard. |

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| ONVIF | Supported, specification available at www.onvif.org |
| Intelligent Video | |
| Video Motion Detection | Five-window video motion detection |
| VCA | Line crossing detection, field detection, loitering detection *Available per project request |
| Alarm and Event | |
| Alarm Triggers | Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering 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 0 |
| Power Consumption | Max. 8.5 W |
| Dimensions | Ø 72 x 327 mm |
| Weight | Net: 1085 g |
| Casing | Weather-proof IP66-rated housing Vandal-proof IK10-rated metal housing |
| Safety Certifications | CE, LVD, FCC Class A, VCCI, C-Tick, UL |
| Operating Temperature | Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F) |
| Humidity | 90% |
| Warranty | 36 months |
| System Requirements | |
| Operating System | Microsoft Windows 8/7/Vista/XP/2000 |
| Web Browser | Mozilla Firefox 7~43 (streaming only) Internet Explorer 7/8/9/10/11 |
| Other Players | VLC: 1.1.11 or above QuickTime: 7 or above |
| Included Accessories | |
| Others | Quick installation guide, alignment sticker, cable management bracket, screw pack, sunshield |
| Dimensions | |
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Compatible Accessories

Mounting Kits



AM-523
Adapting Plate
