



# IB9381-HRT

## Daisy-Chain PoE Camera



5MP · H.265 · Smart Stream II · 1080p 60 fps · WDR Pro · SNV · 30M IR · P-iris · IP66 · IK10 · Daisy-chain PoE · DIS

VIVOTEK's IB9381-HRT is an innovative daisy-chain PoE camera that supports both PoE input and output as well as direct connection with other PoE network cameras, requiring no additional power source. Featuring a unique design, the IB9381-HRT enables any surveillance system to be extended by up to 300 meters without the need for additional power supplies, thereby facilitating surveillance system implementation over greater distances and reducing the total cost of ownership in applications such as factories, parking lots, intersections and building exteriors.

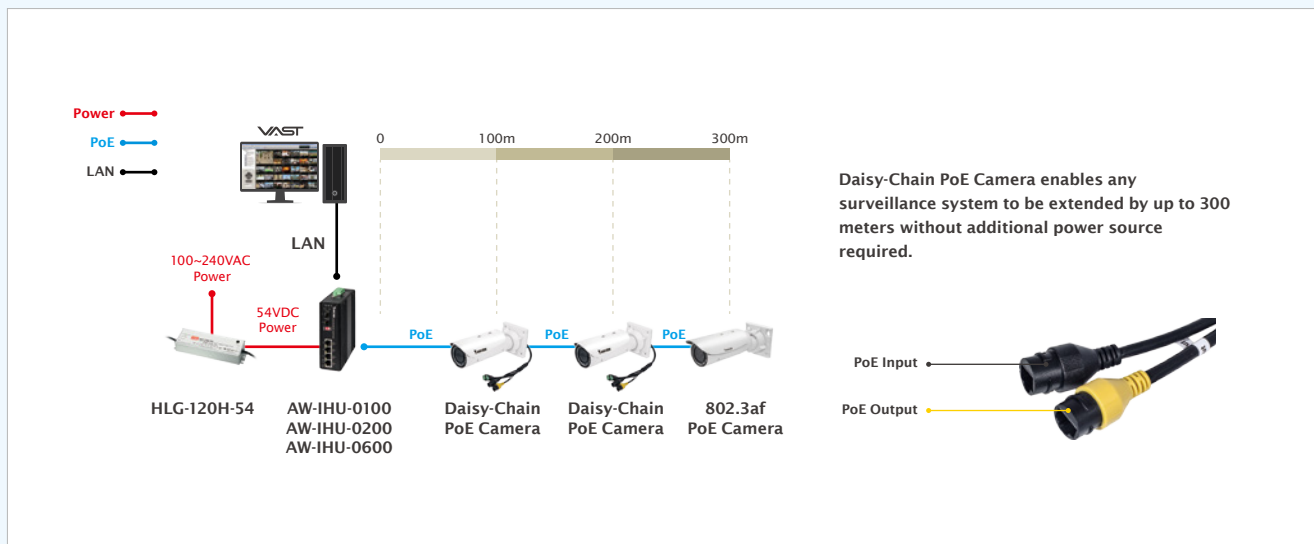
As a professional H.265 outdoor bullet network camera, the IB9381-HRT offers outstanding image quality at 30 fps @ 5-Megapixel or 60 fps @ 1080p resolution. Featuring VIVOTEK's sophisticated Smart Stream II Technology enables the camera to optimize quality for a desired object or area and therefore maximize bandwidth efficiency. Combining both H.265 and Smart Stream II, the IB9381-HRT can reduce bandwidth and storage consumption up to 80%\* while maintaining high image quality standards.

The IB9381-HRT is also equipped with WDR Pro and SNV, enabling users to enjoy superb image-detail in any lighting condition. Additionally, to protect the advanced technology housed within the camera body, the IB9381-HRT is armed with IP66-rated and IK10-rated housing- keeping it safe from rain, dust, and vandalism for your outdoor surveillance needs.

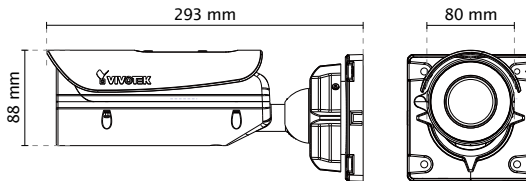
\* Depending on scenes

### Key Features

- H.265 Compression Technology
- 1/1.8" Progressive CMOS Sensor
- 30 fps @ 2560x1920; 60 fps @ 1920x1080
- Smart Stream II to Optimize Bandwidth Efficiency
- Built-in IR Illuminators, Effective up to 30 Meters
- Remote Focus for Easy Focus Adjustments
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Weather-proof IP66-rated and Vandal-proof IK10-rated Metal Housing
- Daisy-Chain PoE Design to Support Both PoE Input and Output
- SNV (Supreme Night Visibility) for Low Light Conditions
- Video Rotation for Corridor View
- P-iris Lens
- DIS (Digital Image Stabilization)



## Technical Specifications

|                                      |   |  |   |
|--------------------------------------|---|--|---|
| <b>Model</b>                         | IB9381-HRT  | <b>ONVIF</b>   | Supported, specifications available at <a href="http://www.onvif.org">www.onvif.org</a>   |
| <b>System Information</b>            |   | <b>Intelligent Video</b>   |   |
| <b>CPU</b>                           | Multimedia SoC (System-on-Chip)   | <b>Video Motion Detection</b>  | Five-window video motion detection  |
| <b>Flash</b>                         | 128MB   | <b>VCA</b>   | Line crossing detection, field detection, loitering detection<br>*Available per project request.  |
| <b>RAM</b>                           | 512MB   | <b>Alarm and Event</b>   |   |
| <b>Camera Features</b>               |   | <b>Alarm Triggers</b>  | Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection |
| <b>Image Sensor</b>                  | 1/1.8" Progressive CMOS   | <b>Alarm Events</b>  | Event notification using digital output, HTTP, SMTP, FTP, NAS server and SD Card<br>File upload via HTTP, SMTP, FTP, NAS server and SD card           |
| <b>Maximum Resolution</b>            | 2560x1920 (5MP)   | <b>General</b>   |   |
| <b>Lens Type</b>                     | Vari-Focal  | <b>Smart Focus System</b>  | Remote Focus  |
| <b>Focal Length</b>                  | f = 4 ~ 9 mm  | <b>Connectors</b>  | RJ-45 cable connector for PoE input<br>RJ-45 cable connector for PoE output<br>Audio input<br>Audio output<br>Digital input*1<br>Digital output*1     |
| <b>Aperture</b>                      | F1.3 ~ F2.2   | <b>LED Indicator</b>   | System power and status indicator   |
| <b>Auto-iris</b>                     | P-iris  | <b>Power Input</b>   | IEEE 802.3at PoE<br>60W UPoE  |
| <b>Field of View</b>                 | 45° ~ 84° (Horizontal)<br>34° ~ 62° (Vertical)<br>64° ~ 113° (Diagonal)   | <b>Power Consumption</b>   | Max. 12.95 W  |
| <b>Shutter Time</b>                  | 1/5 sec. to 1/32,000 sec.   | <b>Dimensions</b>  | Ø 88 x 293 mm   |
| <b>WDR Technology</b>                | WDR Pro   | <b>Weight</b>  | 1182 g  |
| <b>Day/Night</b>                     | Removable IR-cut filter for day & night function  | <b>Casing</b>  | Weather-proof IP66-rated housing<br>Vandal-proof IK10-rated metal housing (Metal Casing)  |
| <b>Minimum Illumination</b>          | 0.04 Lux @ F1.3 (Color)<br>0.001 Lux @ F1.3 (B/W)   | <b>Safety Certifications</b>   | CE, LVD, FCC Class A, VCCI, C-Tick, UL  |
| <b>Pan/Tilt/Zoom Functionalities</b> | ePTZ:<br>48x digital zoom (4x on IE plug-in, 12x built in)  | <b>Operating Temperature</b>   | Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F)<br>Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F)   |
| <b>IR Illuminators</b>               | 30 meters   | <b>Humidity</b>  | 90%   |
| <b>On-board Storage</b>              | Slot type: SD/SDHC/SDXC card slot<br>Seamless Recording   | <b>Warranty</b>  | 36 months   |
| <b>Video</b>                         |   | <b>System Requirements</b>   |   |
| <b>Compression</b>                   | H.265 & H.264 & MJPEG   | <b>Operating System</b>  | Microsoft Windows 8/7/Vista/XP/2000   |
| <b>Maximum Frame Rate</b>            | H.265 & H.264:<br>30 fps @ 2560x1920<br>60 fps @ 1920x1080<br>MJPEG:<br>12 fps @ 2560x1920<br>30 fps @ 1920x1080  | <b>Web Browser</b>   | Mozilla Firefox 7~43 (streaming only)<br>Internet Explorer 7/8/9/10/11  |
| <b>Maximum Streams</b>               | 4 simultaneous streams  | <b>Other Players</b>   | VLC: 1.1.11 or above<br>Quicktime: 7 or above   |
| <b>S/N Ratio</b>                     | 57 dB   | <b>Included Accessories</b>  |   |
| <b>Dynamic Range</b>                 | 100 dB  | <b>CD</b>  | User's manual, quick installation guide, Installation Wizard 2, VAST 32-channel recording software  |
| <b>Video Streaming</b>               | Adjustable resolution, quality and bitrate<br>Smart Stream II   | <b>Others</b>  | Quick installation guide, sun shield, alignment sticker, desiccant bag, waterproof connector, screw pack, CD  |
| <b>Image Settings</b>                | Time stamp, text overlay, flip & mirror<br>Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks<br>Scheduled profile settings, 3DNR, video rotation, defog, DIS | <b>Dimensions</b>  |   |
| <b>Audio</b>                         |   |  |   |
| <b>Audio Capability</b>              | Two-way Audio (full duplex)   |  |   |
| <b>Compression</b>                   | G711, G726  |  |   |
| <b>Interface</b>                     | External microphone input<br>Audio output   |  |   |
| <b>Network</b>                       |   |  |   |
| <b>Users</b>                         | Live viewing for up to 10 clients   |  |   |
| <b>Protocols</b>                     | 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  |  |   |
| <b>Interface</b>                     | 10 Base-T/100 BaseTX Ethernet (RJ-45)<br>*It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.  |  |   |

## Compatible Accessories

### Mounting Kits



**AM-312**  
Pole Mount Adapter



**AM-412**  
Corner Mount Adapter



**AM-714**  
Junction Box

### PoE Kit/Power Adapter

#### 60W UPoE



**AW-IHU-0100**  
Industrial 1xGE 60W UPoE  
Injector



**HLG-120H-54**  
Industrial 54VDC/120W  
Power Supply, IP67



**AW-IHU-0200**  
Industrial 1xGE 60W UPoE  
+ 1x SFP GE Switch



**HLG-120H-54**  
Industrial 54VDC/120W  
Power Supply, IP67



**AW-IHU-0600**  
Industrial 4xGE 60W UPoE  
+ 2xGE SFP Switch



**HLG-240H-54**  
Industrial 54VDC/240W  
Power Supply, IP67



**AP-GIC-010A-060**  
1xGE 60W UPoE Injector



**AW-FED-0500-120**  
Unmanaged  
4xFE UPoE + 1xFE UTP DIP Switch