



FE9380-HV

Fisheye Network Camera

5MP • 360° Fisheye • WDR Pro • 360° 10M IR • Smart IR • Smart Stream III • IP66 • IK10

- H.265 compression Technology
- 30 fps @ 1920x1920
- Smart Stream III to Optimize Bandwidth Efficiency
- WDR Pro for Improved Visibility in Extremely Bright and Dark Environments
- Built-in IR Illuminators, Effective up to 10 Meters
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Trend Micro IoT Security
- Built-in Microphone
- Local Dewarping



Overview

The 5-Megapixel FE9380-HV is the newest addition to the VIVOTEK 360° fisheye family. The FE9380-HV is a true day/night camera, with a removable IR-cut filter and 360° IR illumination up to 10 meters radius. It supports up to 30fps at full 5MP resolution as well as WDR Pro 120dB to maintain excellent image quality in high contrast lighting environments. These features greatly enable the FE9380-HV to provide clear images 24 hours a day.

To meet the demands of harsh outdoor applications, the FE9380-HV is armed with an IP66-rated housing for protection from rain and dust, as well as IK10-rated for robust protection against acts of vandalism. Lastly the FE9380-HV uses H.265 compression technology. When combined with Smart Stream III, H.265 helps to reduce bandwidth and storage consumption up to 90%*, enabling the FE9380-HV to record more detailed 360° images while simultaneously helping to reduce costs.

* Depending on scenes

Technical Specifications

System Information

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| Model | FE9380-HV |
| CPU | Multimedia SoC (System-on-Chip) |
| Flash | 128MB |
| RAM | 512MB |

Camera Features

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| Image Sensor | 1/2.7" Progressive CMOS |
| Max. Resolution | 1920x1920 |
| Lens Type | Fixed-focal |
| Focal Length | f = 1.16 mm |
| Aperture | F2.25 |
| Auto-iris | Fixed-iris |
| Field of View | 180° (Horizontal) 180° (Vertical) 180° (Diagonal) |
| Shutter Time | 1/5 sec. to 1/32,000 sec. |
| WDR Technology | WDR Pro |
| Day/Night | Yes |
| Removable IR-cut Filter | Yes |
| IR Illuminators | Built-in IR illuminators, effective up to 10 meters with Smart IR, IR LED*4 |
| Minimum Illumination | 0.05 Lux @ F1.16 (Color) <0.005 Lux @ F1.16 (B/W) 0 Lux with IR illumination on |
| Pan/Tilt/Zoom Functionalities | ePTZ: 12x digital zoom (12x on IE plug-in) |
| On-board Storage | Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording |

Video

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| Video Compression | H.265, H.264, MJPEG |
| Maximum Frame Rate | 24 fps @ 1920x1920 (WDR on) 30 fps @ 1920x1920 (WDR off) |
| Maximum Streams | 4 simultaneous streams |
| S/N Ratio | 63.3 dB |
| Dynamic Range | 120 dB |
| Video Streaming | Adjustable resolution, quality and bit rate control, Smart Stream III |
| Image Settings | Adjustable image size, quality and bit rate, time stamp, text overlay, flip and mirror, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, scheduled profile settings, 3DNR, video rotation, defog |

Audio

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|-------------------|---------------------|
| Audio Capability | One-way Audio |
| Audio Compression | G.711, G.726 |
| Audio Interface | Built-in microphone |
| Effective Range | 5 meters |

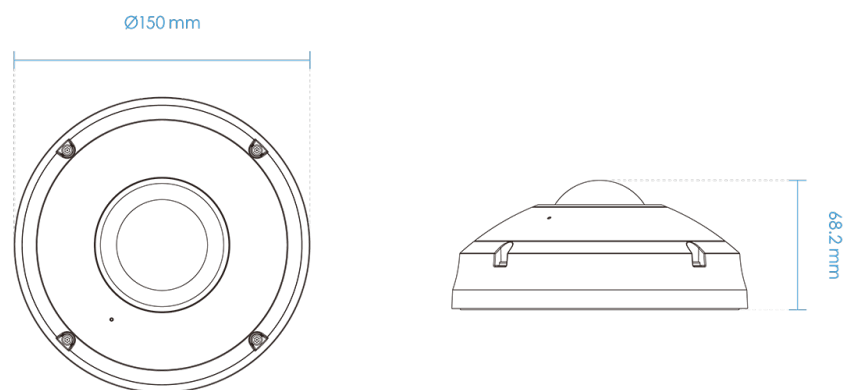
Network

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| Users | Live viewing for up to 10 clients |
| Protocols | 802.1X, ARP, CIFS/SMB, CoS, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS, UDP, UPnP |
| Interface | 10 Base-T/100 Base-TX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard. |
| ONVIF | Supported, specification available at www.onvif.org |

Solution Integration

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|-----------------------------|---|
| Video Motion Detection | Five-window video motion detection |
| VADP Package | Trend Micro IoT Security, Stratocast |
| Alarm and Event | |
| Alarm Triggers | Motion detection, periodical trigger, system boot, recording notification, camera tampering detection, manual trigger, Audio detection, SD card life expectancy, cybersecurity events (brute force attack event, cyberattack event, quarantine event) |
| Alarm Events | Event notification via email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card |
| General | |
| Connectors | RJ-45 cable connector for 10/100Mbps Network/PoE connection *1 |
| LED Indicator | System power and status indicator |
| Power Input | IEEE 802.3af PoE Class 0 |
| Power Consumption | Max. 12 W (IR on) Max. 3.8 W (IR off) |
| Dimensions | Ø 150 x 68.2 mm |
| Weight | 695 g |
| Casing | IP66, IK10 |
| Safety Certifications | CE, FCC Class A, UL, LVD, VCCI, C-Tick |
| Operating Temperature | Starting Temperature: -10°C ~ 60°C (14°F ~ 140°F) Working Temperature: -30°C ~ 60°C (-22°F ~ 140°F) |
| Humidity | 90% |
| Warranty | 24 months |
| System Requirements | |
| Operating System | Microsoft Windows 8/7 Mac 10.12 (Chrome only) |
| Web Browser | Chrome 58.0 or above Internet Explorer 10/11 |
| Other Players | VLC: 1.1.11 or above |
| Included Accessories | |
| Others | Quick installation guide, alignment sticker, screw pack, warranty card, desiccant bag |

Dimensions



Compatible Accessories

Mounting Kits



AM-525
Pendant mount