



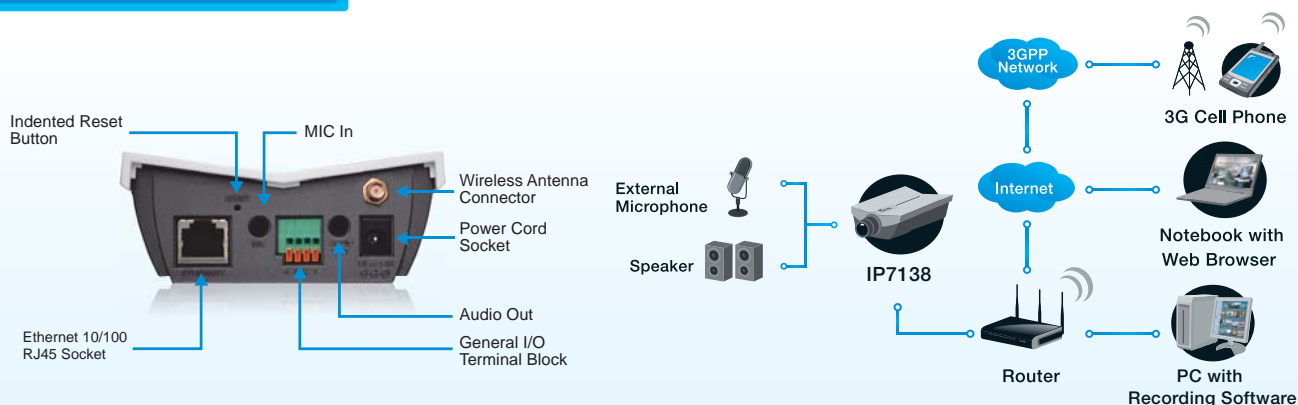
IP7138/7139 Fixed Network Camera ***Mega-pixel · Dual Stream · CF Card***

VIVOTEK IP7138/7139, equipped with a 1.3M-pixel (1280x1024) CMOS sensor, is a professional network camera offering higher resolution of video for detail remote monitoring and indoor surveillance applications. Embedded with VIVOTEK VVTK-1000 SoC, it is able to deliver dual streams with different resolutions and video qualities upon different devices simultaneously such as computers or 3G cell phones for real-time monitoring. To prevent unexpected connection failure, it builds in a compact flash card slot for local storage; thus, the snapshots and video clips generated by events or scheduled recording can temporarily be stored on the memory card for later retrieval. More noticeable, many advanced features for versatile applications are included: 3GPP mobile surveillance, two-way audio by SIP, digital I/O interface, built-in 802.3af compliant PoE (IP7138); 802.11b/g WLAN (IP7139), and appropriate lens selection with CS mount. By offering exceptional image details, it could be the best choice for monitoring extensive areas such as airports, factories, retail stores, schools, offices or banks.

Features

- Mega-pixel CMOS Sensor
- Built-in CF Card Slot for Local Storage
- Real-time MPEG-4 and MJPEG Video Compression (Dual Codec)
- Supports Dual Streams Simultaneously
- 3GPP Mobile Surveillance
- Built-in 802.3af Compliant PoE (IP7138)
- Built-in 802.11b/g WLAN (IP7139)
- Two-way Audio by SIP Protocol
- Privacy Masks
- Digital I/O for External Sensor and Alarm

System Overview



Specifications

Models

- IP7138 (PoE)
- IP7139 (WLAN)

System

- CPU: VVTK-1000 SoC
- Flash: 8MB
- RAM: 64MB
- Embedded OS: Linux 2.4

Lens

- CS mount, f=6 mm, F=1.8

Shutter Time

- 1/2 sec. to 1/10000 sec.

Image Sensor

- 1.3M-Pixel CMOS sensor in VGA resolution

Minimum Illumination

- 1.5Lux/F2.0

Video

- Compression: MJPEG & MPEG-4
- Streaming:
 - Simultaneous dual-streaming
 - MPEG-4 streaming over UDP, TCP, or HTTP
 - MPEG-4 multicast streaming
 - MJPEG streaming over HTTP
- Supports 3GPP mobile surveillance
- Resolutions:
 - MJPEG & MPEG-4 video with resolution up to 640x480 (VGA)
- Frame rates:
 - Up to 30fps at 176x144
 - Up to 30fps at 320x240
 - Up to 30fps at 640x480
 - Up to 8fps at 800x600
 - Up to 8fps at 1280 x1024 (JPEG only)

Image Settings

- Adjustable image size, quality, and bit rate
- Time stamp and text caption overlay
- Flip & mirror
- Configurable brightness, sharpness, Contrast, Saturation
- AWB, AES

Audio

- Compression:
 - GSM-AMR speech compression, bit rate: 4.75 kbps ~12.2 kbps
 - MPEG-4 AAC audio encoding, bit rate: 16 kbps ~128 kbps
- Interface:
 - Built-in microphone
 - External microphone input
- Supports two-way audio by SIP protocol
- Supports audio mute

Networking

- 10/100 Mbps Ethernet, RJ-45
- 802.11b/g WLAN (IP7139)
- Protocols: TCP/IP, HTTP, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, and PPPoE

Alarm and Event Management

- Triple-window video motion detection
- One D/I and one D/O for external sensor and alarm
- Event notification using HTTP, SMTP, or FTP
- Local recording of MP4 file

Local Storage

- Compact Flash card slot
- Stores snapshots and video clips

Security

- Multi-level user access
- IP address filtering

Users

- Camera live viewing for up to 10 clients

Dimensions (including lens)

- 96.2mm (W) x 177mm (L) x 47.4mm (H)

Weight (including lens)

- Net: 276g (IP7138)
- Net: 292g (IP7139)

LED Indicator

- System power and status indicator
- System activity and network link indicator

Power

- 12V DC
- 802.3af compliant Power over Ethernet
- Power consumption 4.4W (IP7138)
- Power consumption 4.9W (IP7139)

Approvals

- CE, LVD, FCC, VCCI

Operating Environments

- Temperature: 0 ° ~ 50 ° C (32 ° ~ 122 ° F)
- Humidity: 20 % ~ 80 % RH

Viewing System Requirements

- OS: Microsoft Windows 2000/XP/Vista
- Browser: Mozilla Firefox, Internet Explorer 6.x or above
- Cell phone: 3GPP player
- Real Player: 10.5 or above
- Quick Time: 6.5 or above

Installation, Management, and Maintenance

- Installation Wizard 2
- 16-CH recording software
- Supports firmware upgrade

Application

- SDK available for application development and system integration

All specifications are subject to change without notice. All other trademarks are owned by their respective companies

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