

## **IP7135/7137 Fixed Network Camera** **3GPP | MPEG-4 | Wireless**

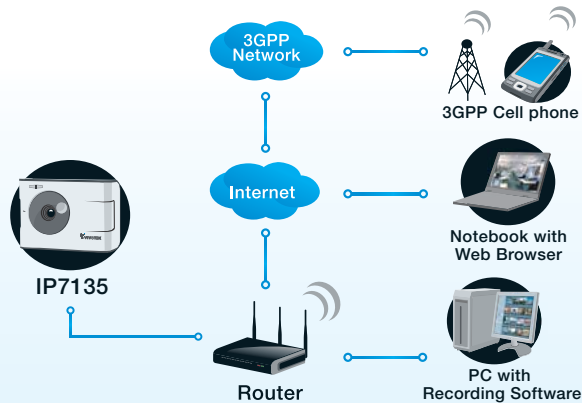
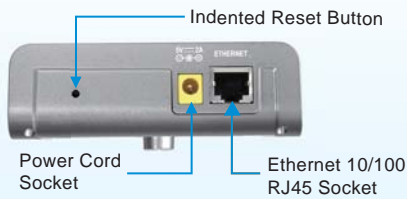
VIVOTEK IP7135(Wired) / IP7137(WLAN) with 3GPP/ISMA compatibility offers an easy-to-use solution for indoor home application. It enables users not only to receive the optimized, synchronized video and audio by the standard web browser or application software, but also 3G cellular phones or any RTSP(Real Time Streaming Protocol) compatible media device anytime, anywhere. Users can directly employ the built-in RTSP-compatible multimedia software on 3G cellular phones to view the streaming video from the camera site without extra works on downloading and installing additional software. IP7135/IP7137 delivers excellent image quality up to 30fps in VGA resolution by MPEG-4 and offers superior low light performance or even in the dark. Additionally, it supports a wireless connection for attachment to any existing 802.11g wireless LAN or a 10/100Mbps Ethernet port for direct attachment over a wired networking. VIVOTEK IP7135/IP7137 allows users to easily build up a surveillance system, especially for home security.

### **Features**

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- Real-time MPEG-4 Compression with VGA Resolution
- 3GPP Mobile Surveillance
- Built-in 802.11b/g WLAN
- Compact Size with Stylish Design
- Triple-window Motion Detection
- Pre- and Post-alarm Snapshots
- Superior Low Light Performance

## System Overview



## Specifications

### Models

- IP7135 (Wired)
- IP7137 (WLAN)

### System

- CPU: VVTK-1000 SoC
- FLASH: 4MB
- RAM: 32MB SDRAM
- Embedded OS: Linux 2.4

### Lens

- Focal length:  $f=4.0$  mm
- F-number: F2.0

### Shutter Time

- 1/60 sec. to 1/15000 sec.

### Image Sensor

- 1/4" CMOS sensor in VGA resolution

### Minimum Illumination

- 1.5 Lux/F2.0

### Video

- Compression: MPEG-4 simple profile for streaming video. JPEG for still image.
- Streaming:  
MPEG-4 streaming over UDP, TCP, or HTTP  
Supports 3GPP mobile surveillance
- Resolutions:  
MPEG-4 video with resolution up to 640x480
- Frame rates:  
Up to 30/25 fps at 160x120  
Up to 30/25 fps at 176x144  
Up to 30/25 fps at 320x240  
Up to 30/25 fps at 640x480

### Image Settings

- Adjustable image size, quality, and bit rate
- Time stamp and text caption overlay
- Flip & mirror
- Configurable brightness, saturation, contrast and sharpness
- AGC, 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 ~32 kbps
- Interface:  
Built-in microphone
- Supports audio mute

### Networking

- 10/100 Mbps Ethernet, RJ-45
- Protocols: IPv4, TCP/IP, HTTP, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, and PPPoE

### Alarm and Event Management

- Triple-window video for motion detection
- Event notification using HTTP, SMTP, or FTP

### Security

- User access with password protection
- IP address filtering

### Users

- Camera live viewing for up to 10 clients

### Dimensions

- 34.8 mm (D) x 109.5 mm (W) x 77.2 mm (H)

### Weight (including lens)

- Net: 150 g (IP7135)
- Net: 165 g (IP7137)

### LED Indicator

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

### Power

- 12V DC
- Power consumption 2.6W (IP7135)
- Power consumption 3.7W (IP7137)

### Approvals

- CE, FCC

### 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

### Applications

- SDK available for application development and system integration

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