



## IP7151/7152 Fixed Network Camera

# *Day & Night · Progressive CCD*

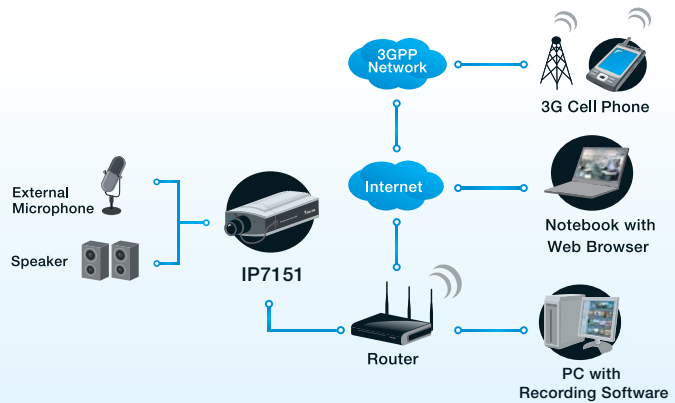
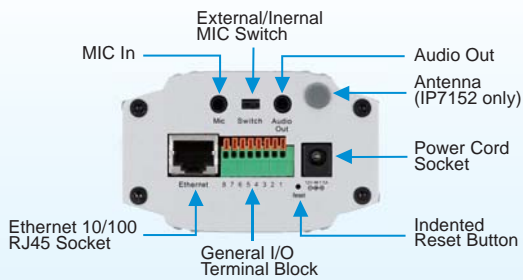
VIVOTEK IP7151/IP7152, equipped with a progressive scan CCD sensor, delivers superior-quality, crystal-clear video for professional surveillance applications such as monitoring banks, airports, parking lots, and traffic control, etc. It can capture razor-sharp, clear, and high-resolution images of moving objects that traditional interlaced-scan techniques can not achieve. Furthermore, working in combination with the high-performance progressive scan CCD sensor on VIVOTEK IP7151/IP7152 is a removable IR-cut filter that can deliver high-quality images even in infrared illuminated conditions. With self-developed VIVOTEK VVTK-1000 SoC, it simultaneously delivers dual streams for real-time monitoring. It also comes with many useful functionalities that give users more flexibilities such as built-in 802.3af compliant PoE (IP7151), 802.11b/g WLAN connection (IP7152), multi-lingual user interface, vari-focal CS mount lens, two-way audio by SIP protocol, and digital I/O for external sensor and alarm. VIVOTEK IP7151/IP7152 is definitely your best choice for a high-performance, professional surveillance system.

### **Features**

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- SONY Progressive Scan CCD Sensor with VGA Resolution
- 2.9mm~8.2mm Vari-focal, Auto-iris Lens
- Removable IR-cut Filter for Day & Night Function
- Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- Supports Dual Streams Simultaneously
- 3GPP Mobile Surveillance
- Built-in 802.3af Compliant PoE (IP7151)
- Built-in 802.11b/g WLAN (IP7152)
- Two-way Audio by SIP Protocol
- Digital I/O for External Sensor and Alarm

## System Overview



## Specifications

### Models

- IP7151 (PoE)
- IP7152 (WLAN)

### System

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

### Lens

- CS-mount, vari-focal, f=2.9 mm~8.2 mm, auto-iris
- IR Corrected
- Removable IR-cut filter for day & night function

### Angle of view

- 26.7° ~ 69.0° (horizontal)
- 20.0° ~ 51.0° (vertical)

### Shutter Time

- 1/30 sec. to 1/15000 sec.

### Image Sensor

- SONY 1/4" progressive scan CCD sensor in VGA resolution

### Minimum Illumination

- 1.0 Lux/F1.0

### 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
- Frame rates: 640x480 up to 30fps

### Image settings

- Adjustable image size, quality, and bit rate
- Time stamp and text caption overlay
- Flip & mirror
- Configurable brightness, contrast, and saturation
- AGC, AWB, AES
- Automatic or manual day/night mode
- Backlight compensation (BLC)
- Supports privacy masks

### Audio

- Compression:
  - GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps
  - MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps
- Interface:
  - Built-in microphone
  - External microphone input
  - Audio output
- Supports two-way audio by SIP protocol
- 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
- Built-in 802.11b/g WLAN (IP7152)

### Alarm and Event Management

- Triple-window video for 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 files

### Security

- Multi-level user access with password protection
- IP address filtering
- Wireless: WEP, WPA-PSK, WPA2 (IP7152)

### Users

- Camera live viewing for up to 10 clients

### Dimension (including lens)

- 205.5 mm (D) x 82.1 mm (W) x 51.2 mm (H)

### Weight (including lens)

- Net: 568 g (IP7151)
- Net: 581 g (IP7152)

### LED Indicator

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

### Power

- 12V DC, 24V AC
- 802.3af compliant Power over Ethernet (IP7151)

### Approvals

- CE, FCC, C-Tick, LVD, VCCI

### Operating Environments

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

### Viewing System Requirements

- OS: Microsoft Windows 2000/XP/Vista
- Browser: 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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