# VIVOTEK
## BUILT WITH RELIABILITY

# IP7151/7152
## Fixed Network Camera

### Day&Night · Progressive CCD · PoE

VIVOTEK IP7151 (PoE) / IP7152 (WLAN), 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.

The progressive scan CCD sensor 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

> SONY Progressive Scan CCD Sensor in VGA Resolution

> 2.9~8.2mm 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 via SIP Protocol

> Digital I/O for External Sensor and Alarm
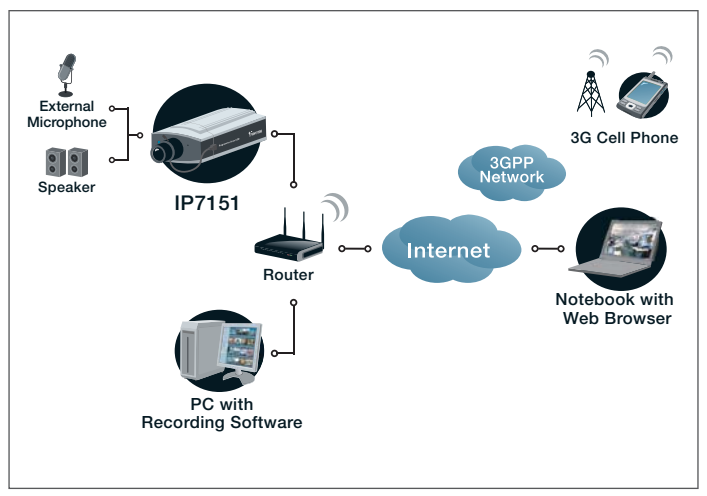
> RS485 Interface for Scanners, Pan/Tilts

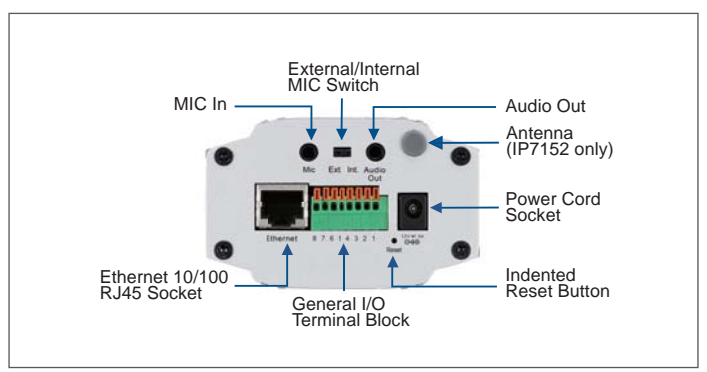# Specifications

| | |
|---|---|
| Models | · IP7151 (PoE)<br>· IP7152 (WLAN) |
| System | · CPU: VVTK-1000 SoC<br>· Flash: 8MB<br>· RAM: 64MB<br>· Embedded OS: Linux 2.4 |
| Lens | · CS mount, vari-focal, f=2.9 ~ 8.2 mm,<br>F1.0, auto-iris<br>· IR Corrected<br>· Removable IR-cut filter for day & night function |
| Angle of View | · 26.7° ~ 69.0° (horizontal)<br>· 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<br>· Streaming:<br>Simultaneous dual-streaming<br>MPEG-4 streaming over UDP, TCP, or HTTP<br>MPEG-4 multicast streaming<br>MJPEG streaming over HTTP<br>· Supports 3GPP mobile surveillance<br>· Frame rates:<br>MPEG-4: Up to 30/25 fps at 640x480<br>MJPEG: Up to 30/25 fps at 640x480 |
| Image Settings | · Adjustable image size, quality, and bit rate<br>· Time stamp and text caption overlay<br>· Flip & mirror<br>· Configurable brightness, contrast, saturation, and sharpness<br>· AGC, AWB, AES<br>· Automatic or manual day/night mode<br>· Backlight compensation (BLC)<br>· Supports privacy masks |
| Audio | · Compression:<br>GSM-AMR speech encoding, bit rate:<br>4.75 kbps to 12.2 kbps<br>MPEG-4 AAC audio encoding, bit rate:<br>16 kbps to 128 kbps<br>· Interface:<br>Built-in microphone<br>External microphone input<br>Audio output<br>External/Internal microphone switch<br>· Supports two-way audio via SIP protocol<br>· Supports audio mute |
| Networking | · 10/100 Mbps Ethernet, RJ-45<br>· Built-in 802.11b/g WLAN (IP7152)<br>· 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 motion detection<br>· One D/I and one D/O for external sensor and alarm<br>· Event notification using HTTP, SMTP, or FTP<br>· Local recording of MP4 file |
| Security | · Multi-level user access with password protection<br>· IP address filtering<br>· Wireless: WEP, WPA-PSK, WPA2 (IP7152) |
| Users | · Camera live viewing for up to 10 clients |
| Dimension | · 205.5 mm (D) x 82.1 mm (W) x 51.2 mm (H) |
| Weight | · Net: 568 g (IP7151)<br>· Net: 581 g (IP7152) |
| LED Indicator | · System power and status indicator<br>· System activity and network link indicator |
| Power | · 12V DC<br>· 24V AC<br>· Power consumption: Max. 6 W<br>· 802.3af compliant Power-over-Ethernet (IP7151) |

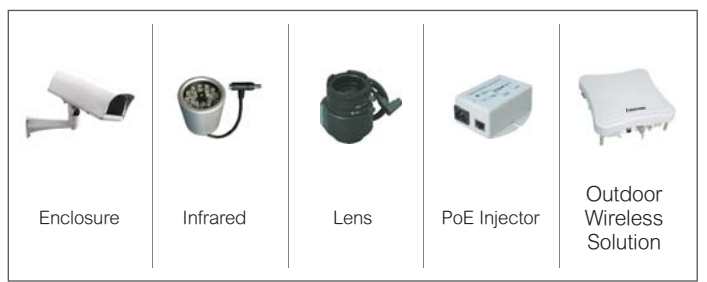| | |
|---|---|
| Approvals | · CE, LVD, FCC, VCCI, C-Tick |
| Operating Environments | · Temperature: 0 ~ 50 °C (32 ~ 122 °F)<br>· Humidity: 20% ~ 80% RH |
| Viewing System Requirements | · OS: Microsoft Windows 2000/XP/Vista<br>· Browser: Internet Explorer 6.x or above<br>· Cell phone: 3GPP player<br>· Real Player: 10.5 or above<br>· Quick Time: 6.5 or above |
| Installation, Management, and Maintenance | · Installation Wizard 2<br>· 16-CH recording software<br>· Supports firmware upgrade |
| Applications | · SDK available for application development and system integration |
| Warranty | · 24 months |

## System overview



## External View



## Accessories



| Enclosure | Infrared | Lens | PoE Injector | Outdoor Wireless Solution |

Distributed by:

**VIVOTEK**

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