

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

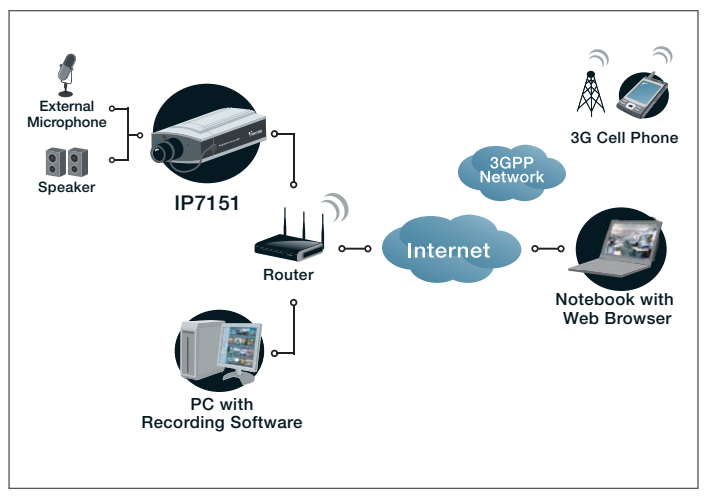
Specifications

P/N: 011000802 Ver.1.0

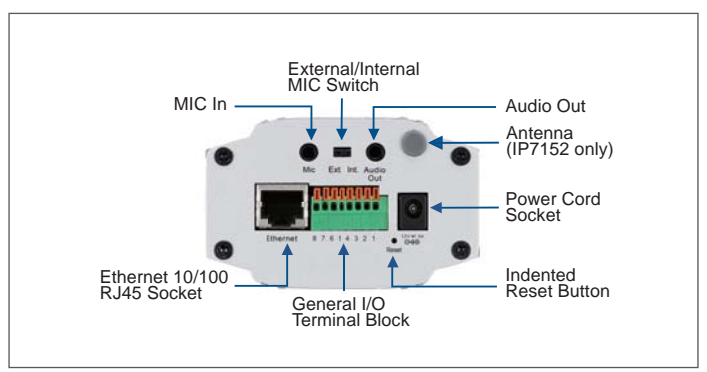
Models	<ul style="list-style-type: none"> · IP7151 (PoE) · IP7152 (WLAN)
System	<ul style="list-style-type: none"> · CPU: VVTK-1000 SoC · Flash: 8MB · RAM: 64MB · Embedded OS: Linux 2.4
Lens	<ul style="list-style-type: none"> · CS mount, vari-focal, f=2.9 ~ 8.2 mm, F1.0, auto-iris · IR Corrected · Removable IR-cut filter for day & night function
Angle of View	<ul style="list-style-type: none"> · 26.7° ~ 69.0° (horizontal) · 20.0° ~ 51.0° (vertical)
Shutter Time	<ul style="list-style-type: none"> · 1/30 sec. to 1/15000 sec.
Image Sensor	<ul style="list-style-type: none"> · SONY 1/4" progressive scan CCD sensor in VGA resolution
Minimum Illumination	<ul style="list-style-type: none"> · 1.0 Lux / F1.0
Video	<ul style="list-style-type: none"> · 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: MPEG-4: Up to 30/25 fps at 640x480 · MJPEG: Up to 30/25 fps at 640x480
Image Settings	<ul style="list-style-type: none"> · Adjustable image size, quality, and bit rate · Time stamp and text caption overlay · Flip & mirror · Configurable brightness, contrast, saturation, and sharpness · AGC, AWB, AES · Automatic or manual day/night mode · Backlight compensation (BLC) · Supports privacy masks
Audio	<ul style="list-style-type: none"> · 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 · External/Internal microphone switch · Supports two-way audio via SIP protocol · Supports audio mute
Networking	<ul style="list-style-type: none"> · 10/100 Mbps Ethernet, RJ-45 · Built-in 802.11b/g WLAN (IP7152) · Protocols: IPv4, TCP/IP, HTTP, UPnP, RTSP/ RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, and PPPoE
Alarm and Event Management	<ul style="list-style-type: none"> · 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
Security	<ul style="list-style-type: none"> · Multi-level user access with password protection · IP address filtering · Wireless: WEP, WPA-PSK, WPA2 (IP7152)
Users	<ul style="list-style-type: none"> · Camera live viewing for up to 10 clients
Dimension	<ul style="list-style-type: none"> · 205.5 mm (D) x 82.1 mm (W) x 51.2 mm (H)
Weight	<ul style="list-style-type: none"> · Net: 568 g (IP7151) · Net: 581 g (IP7152)
LED Indicator	<ul style="list-style-type: none"> · System power and status indicator · System activity and network link indicator
Power	<ul style="list-style-type: none"> · 12V DC · 24V AC · Power consumption: Max. 6 W · 802.3af compliant Power-over-Ethernet (IP7151)

Approvals	<ul style="list-style-type: none"> · CE, LVD, FCC, VCCI, C-Tick
Operating Environments	<ul style="list-style-type: none"> · Temperature: 0 ~ 50 °C (32 ~ 122 °F) · Humidity: 20% ~ 80% RH
Viewing System Requirements	<ul style="list-style-type: none"> · 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	<ul style="list-style-type: none"> · Installation Wizard 2 · 16-CH recording software · Supports firmware upgrade
Applications	<ul style="list-style-type: none"> · SDK available for application development and system integration
Warranty	<ul style="list-style-type: none"> · 24 months

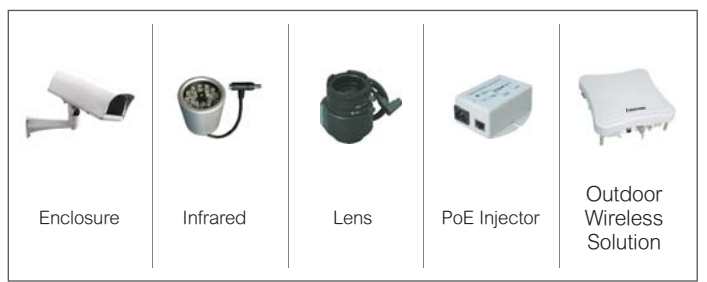
System overview



External View



Accessories



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