PZ7151/7152
Pan/Tilt/Zoom Network Camera

2.6x Zoom · Progressive CCD

VIVOTEK PZ7151 (PoE) / PZ7152 (WLAN), equipped with a progressive scan CCD sensor and pan-focus 2.6x optical zoom lens, is a high-performance network camera for indoor surveillance applications such as retail stores, offices or bank security.

With progressive scan techniques, this network camera is ideal to offer clear, high-quality video and captures ultra-smooth images of fast-moving objects without any pixilated edges. Built into the camera is a 2.6x motorized pan-focus zoom module which provides greater depth of field when viewing near or distant objects. With a 350-degree horizontal and 125-degree vertical range of capture, it effectively gives users a wide-area bird's view. Wireless and Power over Ethernet connection help reduce the cabling problems and ease the installation procedure.

VIVOTEK PZ7151/PZ7152 also comes with the free-bundled, multi-lingual 16-channel recording software, which helps users to set up a powerful surveillance system.
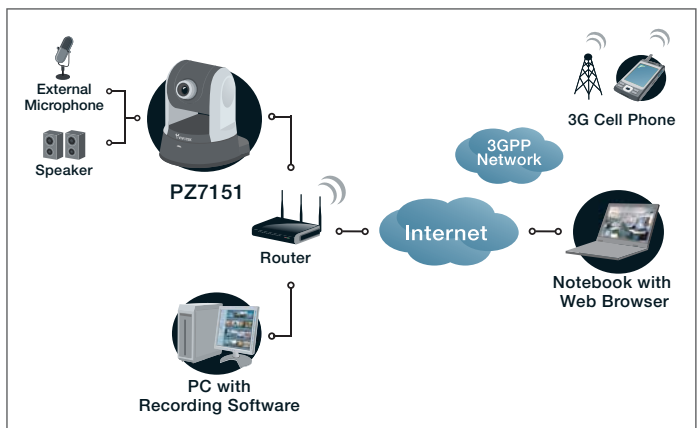
Features

> SONY Progressive Scan CCD Sensor in VGA Resolution

> 2.6x Pan-focus Zoom Lens

> Motorized Wide-range Pan/Tilt
  (Pan: -175° ~ +175°; Tilt: -35° ~ +90°)

> Real-time MPEG-4 and MJPEG Compression
  (Dual Codec)

> Supports Dual Streams Simultaneously

> 3GPP Mobile Surveillance

> Two-way Audio via SIP Protocol

> Built-in/External Microphone Switch

> Built-in 802.3af Compliant PoE (PZ7151)

> Built-in 802.11b/g WLAN (PZ7152)

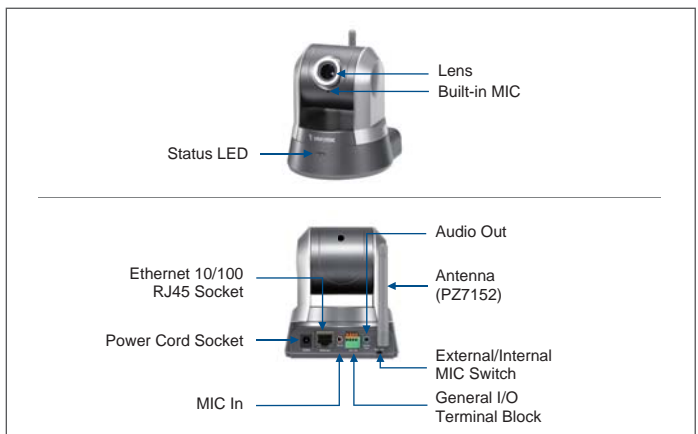> Digital I/O for External Sensor and Alarm

Specifications

Models	· PZ7151 (PoE) · PZ7152 (WLAN)
System	· CPU: VVTK-1000 SoC · Flash: 8MB · RAM: 64MB · Embedded OS: Linux 2.4
Pan/Tilt/Zoom	· Pan range: 350° (-175° ~ +175°) · Tilt range: 125° (-35° ~ +90°) · 2.6x optical zoom · Auto pan mode · Auto patrol mode
Lens	· Board lens, 2.6x optical zoom, f=2.8 ~ 7.3 mm, F1.9, auto-iris, focus range: 0.75 mm to infinity
Angle of View	· 28.7° ~ 73.4° (horizontal) · 21.6° ~ 54.7° (vertical) · 35.8° ~ 92.2° (diagonal)
Shutter Time	· 1/30 sec. to 1/15000 sec
Image sensor	· SONY 1/4" progressive scan CCD sensor in VGA resolution
Minimum Illumination	· 0.5 Lux / F1.9
Video	· Compression: MJPEG & MPEG-4 · Streaming: Simultaneous dual-streaming MPEG-4 streaming over UDP, TCP, HTTP or HTTPS MPEG-4 multicast streaming MJPEG streaming over HTTP or HTTPS · 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	· Adjustable image size, quality, and bit rate · Time stamp and text caption overlay · Flip & mirror · Configurable brightness, contrast, saturation, and sharpness · AGC, AWB, AES · Backlight compensation (BLC)
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 External/Internal microphone switch · Supports two-way audio via SIP protocol · Supports audio mute
Networking	· 10/100 Mbps Ethernet, RJ-45 · Protocols: IPv4, TCP/IP, HTTP,HTTPS, UPnP, RTSP/ RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, and PPPoE · Built-in 802.11b/g WLAN (PZ7152)
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 file
Security	· Multi-level user access with password protection · IP address filtering · HTTPS encrypted data transmission · Wireless: WEP, WPA-PSK, WPA2 (PZ7152)
Users	· Camera live viewing for up to 10 clients
Dimension	· Ø 105 mm x 118 mm
Weight	· Net: 352 g (PZ7151) · Net: 371 g (PZ7152)
LED Indicator	· System power and status indicator · System activity and network link indicator

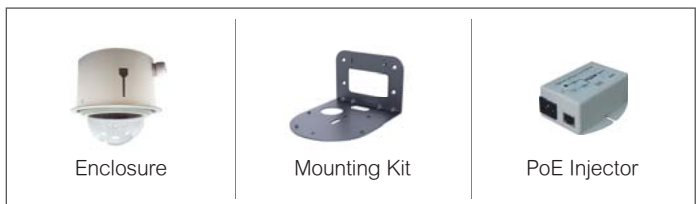|	
Power	· 12V DC · Power consumption: Max. 12 W · 802.3af compliant Power-over-Ethernet (PZ7151)
Approvals	· CE, LVD, FCC, VCCI, C-Tick
Operating Environments	· Temperature: 0 ~ 50 °C (32 ~ 122 °F) · Humidity: 20% ~ 80% RH
Viewing System Requirements	· OS: Microsoft Windows 2000/XP/Vista · Browser: Internet Explorer 6.x or above · Cellphone: 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
Warranty	· 24 months

System Overview

External View

Accessories

Enclosure   Mounting Kit   PoE Injector

Distributed by:

6F, No.192, Lien-Cheng Rd., Chung-Ho, Taipei County, Taiwan
Tel: +886 2 8245 5282 │ Fax: +886 2 8245 5532 │ E-mail: sales@vivotek.com
VIVOTEK USA, INC.
470 Lakeside Drive Suite C, Sunnyvale, CA 94085 USA
Tel: 408-773-8686 │ Fax: 408-773-8298 │ E-mail: salesusa@vivotek.com