VIVOTEK

2.6x Zoom
Progressive Scan CCD PTZ
Network Camera

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.

PZ7151/PZ7152
F e a t u r e s

- Progressive Scan CCD Sensor with VGA Resolution
- 2.6x Pan-focus Zoom Lens
- Motorized Wide-range Pan/Tilt (Pan Travel: +175° ~ -175°; Tilt Travel: +90° ~ -35°)
- Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- Supports Dual Streams Simultaneously
- Supports 3GPP Mobile Surveillance
- Built-in 802.3af Compliant Power over Ethernet (PoE) (PZ7151)
- Built-in 802.11b/g WLAN (PZ7152)
- Supports Two-way Audio by SIP Protocol
- External or Internal Microphone Switch Available
- Digital I/O for External Sensor and Alarm
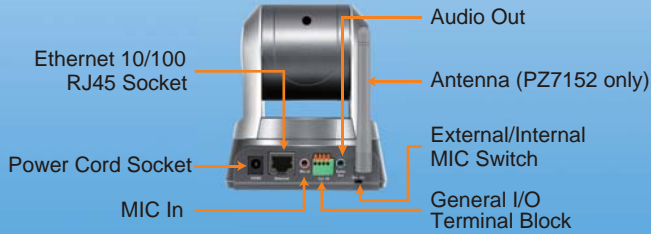- Free-bundled 16-CH Recording Software

2.6x Zoom Progressive Scan CCD PTZ Network Camera

PZ7151/PZ7152

Front view

- Lens
- Built-in MIC
- Status LED

Rear view

- Ethernet 10/100 RJ45 Socket
- Power Cord Socket
- MIC In
- Audio Out
- Antenna (PZ7152 only)
- External/Internal MIC Switch
- General I/O Terminal Block

3GPP Network

Internet

Speaker

External Microphone

Router

3GPP Cell phone

Laptop PC

Desktop PC

PZ7151 (PoE)

PZ7152 (Wireless)

Technical Specifications

Models	• PZ7151 (PoE) • PZ7152 (WLAN)	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)
System	• CPU: VVTK-1000 SoC • Flash: 8MB • RAM: 64MB • Embedded OS: Linux 2.4		
		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
Lens	• Board lens, f=2.8~7.3mm, auto iris, 0.75m to infinity focus range		
Angle of view	• 28.7°~73.4° (horizontal) • 21.6°~54.7° (vertical) • 35.8°~92.2° (diagonal)	Security	• Multi-level user access with password protection • IP address filtering • Wireless: WEP, WPA-PSK, WPA2 (PZ7152)
Image Sensor	• SONY 1/4" progressive scan CCD sensor with VGA resolution	Users	• Camera live viewing for up to 10 clients

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
		Dimension (including lens)	•104.1mm (W) x 103.5mm (D) x 118mm (H)

		Weight (including lens)	• Net: 352g (PZ7151) • Net: 371g (PZ7152)
		LED Indicator	• System activity and network link indicator
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 • Backlight compensation (BLC)	Power	• 12V DC • 802.3af compliant Power over Ethernet (PZ7151) • Power consumption: Max. 12W
		Approvals	• CE, FCC, C-Tick, LVD, VCCI
Pan/Tilt/Zoom	• Pan range: 350° (+175° ~ -175°) • Tilt range: 125° (+90° ~ -35°) • Auto pan mode • Auto patrol mode • 2.6x optical zoom	Operating Environments	• Temperature: 0° ~ 50° C (32° ~ 122° F) • Humidity: 20 % ~ 80 % RH

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
	  External/Internal microphone switch
	• Supports two-way audio by SIP protocol
	• Supports audio mute
		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

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TL 9000   TÜV   RoHS   IEC   IECQ