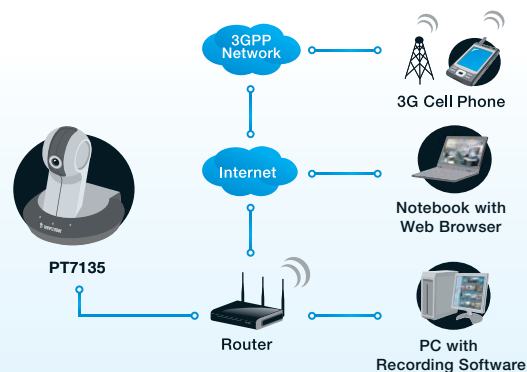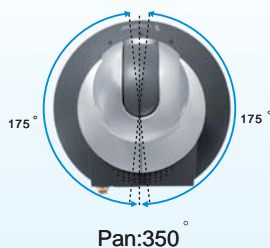# PT7135/7137 Pan/Tilt Network Camera
MPEG-4 · 3GPP · WLAN

VIVOTEK PT7135 (Wired)/PT7137 (WLAN) with 3GPP/ISMA compatibility offers a cost-effective solution for mobile remote monitoring as well as indoor surveillance. It enables users not only to receive the optimized, synchronized video and audio by the standard web browser or application software, but also 3G cellular phones or any RTSP(Real Time Streaming Protocol) compatible media device anytime, anywhere. Users can directly employ the built-in RTSP-compatible multimedia software on 3G cellular phones to view the streaming video from the camera site without extra works on downloading and installing additional software. PT7135/PT7137 delivers excellent image quality up to 30fps in VGA resolution and offers superior low light performance in the dark. With efficient MPEG-4 compression, a variety of applications where available bandwidth is restricted but higher frame rates are required can be implemented and developed with ease. The wide pan/tilt movement, controlled by the application, enables you to locate any position in the viewable area within seconds. VIVOTEK PT7135/PT7137 allows users to easily build up a surveillance system for their exclusive, versatile applications.

Features

- Motorized Wide-range Pan/Tilt (Pan: +175° ~ -175°; Tilt: +90° ~ -35°)
- Real-time MPEG-4 Compression in VGA Resolution
- 3GPP Mobile Surveillance
- Built-in 802.11b/g WLAN
- Compact Size with Stylish Design
- Triple-window Motion Detection
- Pre- and Post-alarm Snapshots
- Superior Low Light Performance

System Overview

90°

35°

175° 175°

Pan:350°

Tilt:125°

3GPP Network

3G Cell Phone

Internet

Notebook with Web Browser

PT7135

Router

PC with Recording Software

Specifications

Models
· PT7135 (Wired)
· PT7137 (WLAN)

System
· CPU: VVTK-1000 SoC
· FLASH: 4MB
· RAM: 32MB SDRAM
· Embedded OS: Linux 2.4

Pan/ Tilt
· Pan range: 350° (-175° ~ +175°)
· Tilt ramge: 125° (-35° ~ +90°)

Lens
· Board lens, f=4.0 mm, F2.0, Fixed

Shutter Time
· 1/60 sec. to 1/15000 sec.

Image Sensor
· 1/4" CMOS senser in VGA resolution

Minimum Illumination
· 1.5 Lux/F2.0

Video
· Compression:
  MPEG-4 for streaming video.
  JPEG for still image.
· Streaming:
  MPEG-4 streaming over UDP, TCP, or HTTP
· Supports 3GPP mobile surveillance
· Frame rates:
  MPEG-4: 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, saturation, contrast and sharpness
· AGC, AWB, AES

Audio
· Compression:
  GSM-AMR speech compression, bit rate: 4.75 kbps ~12.2 kbps
  MPEG-4 AAC audio encoding, bit rate: 16 kbps ~32 kbps
· Interface: Built-in microphone
· 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

Alarm and Event Management
· Triple-window video for motion detection
· Event notification using HTTP, SMTP, or FTP

Security
· User access with password protection
· IP address filtering

Users
· Camera live viewing for up to 10 clients

Dimensions
· 110 mm (D) x 110 mm (W) x 130 mm (H)

Weight
· Net: 259 g (PT7135)
· Net: 271 g (PT7137)

LED Indicator
· System power and status indicator
· System activity and network link indicator
· Microphone status indicator

Power
· 12V DC
· Power consumption: 7 W (PT7135)
· Power consumption: 8.3 W (PT7137)

Approvals
· CE, FCC

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

Viewing System Requirements
· OS: Microsoft Windows 2000/XP/Vista
· Browser: Mozilla Firefox, 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

TL 9000
Cert. No.: 74 300 2866

TÜV
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RoHS

IEC

IECQ

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