VIVOTEK
BUILT WITH RELIABILITY

Pan/Tilt
Network Camera
PT8133/33W

1MP • PoE (PT8133)
802.11n • WPS (PT8133W)

VIVOTEK PT8133 (PoE)/ 33W (WLAN) is equipped with a 1MP sensor enabling viewing resolution of 1280x800 at 30 fps. Users need look no further for an all-in-one camera capable of capturing high quality, high resolution video. The camera is designed for indoor surveillance applications such as retail stores, offices, or banks.

With flexible 350-degree pan and 125-degree tilt, PT8133/33W gives users more comprehensive control over a monitored site. The PT8133/33W supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. With MPEG-4 and MJPEG compatibility also included, video streams can also be transmitted in any of these formats for versatile applications. The streams can also be individually configured to meet different constraints, thereby further reducing bandwidth and storage requirements. Users can thus receive multiple streams simultaneously in different resolutions, frame rates, and image qualities for viewing on different platforms.

In addition, PT8133 is integrated with Power over Ethernet functionality, while PT8133W boasts 802.11b/g/n compatible wireless connection, making installation easier and more cost-efficient. The WPS function of PT8133W makes wireless configuration easy and straightforward. Together with the free, multi-lingual 32-channel recording software ST7501, users can set up an easy-to-use IP surveillance system with ease.

Features

- 1-Megapixel CMOS Sensor
- Up to 30 fps @ 1280x800
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Built-in 802.3af Compliant PoE (PT8133)
- Built-in 802.11b/g/n WLAN (PT8133W)
- Wi-Fi Protected Setup (WPS) for Easy and Secure Wireless Network Connection (PT8133W)

WPS Button

175°   175°

◄Pan: 350° ►

90°
35°

▲Tilt: 125° ▼

Technical Specifications

Models
- PT8133 (PoE)
- PT8133W (WLAN)

Pan/Tilt/Zoom
- Pan range: 350° (-175° ~ +175°)
- Tilt range: 125° (-35° ~ +90°)
- Auto pan mode
- Auto patrol mode

Lens
- Board lens, Fixed-focal, f = 3.6mm, F1.8

Field of View
- 58.39° (horizontal)
- 35.58° (vertical)
- 69.34°(diagonal)

Shutter Time
- 1/5 sec. to 1/32,000 sec.

Image Sensor
- 1/4" CMOS sensor in 1280x800 resolution

Minimum Illumination
- 0.3 Lux @ F1.8

Video
- Compression: H.264, MJPEG & MPEG-4
- Streaming:
  Multiple simultaneous streams
  H.264 streaming over UDP, TCP, HTTP or HTTPS
  MPEG-4 streaming over UDP, TCP, HTTP or HTTPS
  H.264/MPEG-4 multicast streaming
  MJPEG streaming over HTTP or HTTPS
- Supports activity adaptive streaming for dynamic frame rate control
- Supports 3GPP mobile surveillance
- Frame rates:
  H.264:
  Up to 30 fps at 1280x800
  MPEG-4:
  Up to 30 fps at 1280x800
  MJPEG:
  Up to 30 fps at 1280x800

Image Settings
- Adjustable image size, quality and bit rate
- Time stamp and text caption overlay
- Flip & mirror
- Configurable brightness, contrast, saturation, sharpness, white balance and exposure
- AGC, AWB, AES
- BLC (Backlight Compensation)
- Supports privacy masks

Audio
- Compression:
  GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps
  G.711 audio encoding, bit rate: 64 kbps, µ-Law, or A-Law mode selectable
- Interface:
  Built-in microphone
- Supports one-way audio
- Supports audio mute

Networking
- 10/100 Mbps Ethernet, RJ-45
- ONVIF support
- Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, and 802.1X

Alarm and Event Management
- Triple-window video motion detection
- Tamper detection
- Event notification using HTTP, SMTP or FTP
- Local recording of MP4 file

Security
- Muilti-level user access with password protection
- IP address filtering
- HTTPS encrypted data transmission
- 802.1X port-based authentication for network protection

Users
- Live viewing for up to 10 clients

Weight
- Net: 293 g

LED Indicator
- System power and status indicator
- System activity and network link indicator
- WPS indicator

Power
- 12V DC
- Power consumption:
  Max. 5.52W (PoE)
  Max. 5.1W (Wireless)
- 802.3af compliant Power-over-Ethernet (Class 3)

Approvals
- CE, LVD, FCC, VCCI, C-Tick

Operating Environments
- Temperature: 0°C ~ 50°C (32°F ~ 122°F)
- Humidity: 90% RH

Viewing System Requirements
- OS: Microsoft Windows 7/Vista/XP/2000
- Browser: Mozilla Firefox, Internet Explorer 7.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
- 32-CH ST7501 recording software
- Supports firmware upgrade

Applications
- SDK available for application development and system integration

Warranty
- 24 months

Dimension
- Ø 110 mm x 120 mm

Ø110 mm · 132 mm · 120 mm

Accessories

AE-101
Indoor camera enclosure
with transparent cover (PT8133 Only)

AE-102
Indoor camera enclosure
with smoke cover (PT8133 Only)

AE-131
Outdoor dome housing
with transparent cover (PT8133 Only)

AE-132
Outdoor dome housing
with smoked cover (PT8133 Only)

AM2000
Wall mount kit

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