



# Pan/Tilt Network Camera PT8133/33W



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

VIVOTEK PT8133 (PoE)/ 33W (WLAN) are 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 homes.

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 bundled, 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
- 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)



## Technical Specifications

Models	PT8133 (PoE) PT8133W (Wireless)	<b>Intelligent Video</b>	Video Motion Detection	Triple-window video motion detection
<b>System Information</b>		<b>Alarm and Event</b>	Alarm Triggers	Video motion detection, manual trigger, periodical trigger, system boot, recording notification
CPU	Multimedia SoC (System-on-Chip)	Alarm Events	Alarm Events	Event notification using HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
Flash	128 MB	<b>General</b>	Connectors	RJ-45 for Network/PoE connection DC-Jack for DC 12V power input
RAM	128 MB	LED Indicator	Power Input	System power and status indicator WPS indicator (PT8133W)
<b>Camera Features</b>		Power Consumption	Dimensions	12V DC IEEE 802.3af PoE Class 2 (PT8133) Max. 5.52W (PoE) Max. 5.1W (Wireless)
Image Sensor	1/4" Progressive CMOS	Weight	Safety Certifications	Ø 110 mm x 120 mm Net: 293 g
Maximum Resolution	1280x800	Operating Temperature	Warranty	CE, LVD, FCC Class B, VCCI, C-Tick 0°C ~ 50°C (32°F ~ 122°F) 24 months
Lens Type	Fixed-focal	<b>System Requirements</b>		
Focal Length	f = 3.6 mm	Operating System	Microsoft Windows 7/Vista/XP/2000	
Aperture	F1.8	Web Browser	Mozilla Firefox 7 ~ 10 (streaming only) Internet Explorer 7.x or 8.x	
Field of View	58.39° (horizontal) 35.58° (vertical) 69.34° (diagonal)	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above	
Shutter Time	1/5 sec. to 1/32,000 sec.	<b>Included Accessories</b>		
Minimum Illumination	0.3 Lux @ F1.8, 50 IRE	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software	
Pan Range	350° (-175° ~ +175°)	Power Adapter	DC 12V, 1.5A	
Tilt Range	125° (-35° ~ +90°)	Others	Quick installation guide, warranty card, camera mounting kit Antenna (PT8133W)	
Pan/tilt/zoom Functionalities	20 preset positions Auto pan mode Auto patrol mode	<b>Dimensions</b>		
<b>Video</b>				
Compression	H.264, MJPEG & MPEG-4			
Maximum Frame Rate	H.264: 30 fps at 1280x800 MPEG-4: 30 fps at 1280x800 MJPEG: 30 fps at 1280x800			
Maximum Streams	2 simultaneous streams			
S/N Ratio	Above 62dB			
Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving			
Image Settings	Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks Scheduled profile settings			
<b>Audio</b>				
Audio Capability	Audio input			
Compression	GSM-AMR, G.711			
Interface	Internal microphone			
Effective Range	5 meters			
<b>Network</b>				
Users	Live viewing for up to 10 clients			
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, UDP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X			
Interface	10Base-T/100 Base-TX Ethernet (RJ-45)			
ONVIF	Ver. 1.02			

## Compatible Accessories

<b>Enclosures</b>		<b>PoE Kits</b>		<b>Wireless</b>	
	<b>AE-132</b> Outdoor dome housing with smoked cover (PT8133)		<b>AE-102</b> Indoor camera enclosure with smoke cover (PT8133)		<b>N600AG</b> Outdoor wireless access point
	<b>AE-131</b> Outdoor dome housing with transparent cover (PT8133)		<b>AE-101</b> Indoor camera enclosure with transparent cover (PT8133)		<b>N500AG</b> Outdoor wireless access point
<b>Mounting Kits</b>					
	<b>AM2000</b> Wall mount kit	<b>MS-POE-IJAF</b> PoE Injector, 802.3af Compliant (PT8133)			

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