



PT-31E

3Mpx PoE Day & Night PT Network Camera

Introduction

The Edimax PT-31E is the world's first 3 megapixel pan & tilt network camera. Its ability to pan 350 degrees, tilt 120 degrees, and record 2048 x 1536 videos at 20 frames per second allow the user to capture detailed videos in an area many times larger than conventional network cameras.

With Edimax's superior H.264 video compression technology, the PT-31E can create high quality videos with small file sizes, allowing for optimized network bandwidth efficiency. Its features night vision for crisp and clear videos images in low light situations, and PT-31E its PoE Ethernet port allows power and network data to be transmitted over the same Ethernet cable.

Additionally, the PT-31E comes with a free 64-channel viewer software for simultaneous live monitoring and high-resolution video recording. The Edimax PT-31E 3Mpx Day & Night PT Network Camera is a high performance network camera ideal for an endless variety of network surveillance applications.

3 Megapixel Video

The Edimax PT-31E is built to produce high quality 3 megapixel videos that capture every detail in the monitored area. Users can set the camera to record Full HD 1080p (1920 x 1080) videos at 30 frames per second, or even QXGA (2048 x 1536) videos at 20 frames per second. Edimax's superior H.264 video compression technology allows the PT-31E to create high quality videos with small file sizes, allowing for optimized network bandwidth efficiency.

Motorized Pan & Tilt

With motorized pan & tilt, the Edimax PT-31E gives you a wider viewing angle than the average network camera. The PT-31E can pan 350 degrees and tilt 120 degrees, allowing you to monitor a large area with a single camera.



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Features

- 5 megapixel CMOS sensor
- Motorized pan and tilt
- Night vision with built-in IR LED (up to 10 meters)
- QXGA resolution at 20fps, 1080p resolution (full HD) at real-time 30fps
- H.264, MPEG-4 & M-JPEG multi-stream output
- Simultaneous live monitoring and high resolution recording
- Multi-area motion detection
- Support IEEE802.3af Power-over-Ethernet (PoE) standard
- SD/SDHC memory card slot for local storage
- 2-way audio support

Specifications

Flash	128MB	
RAM	128MB	
Image Sensor	S/N	38.1 dB
	Type	1/2.5" CMOS
Lens	Focal Length / F-Number	Fixed Lens, f = 6.0mm / F1.8
	DC-Iris	
	View Angle	H 67.4°
Day Night Operation / IR Distance	IR 10 Meters	
Min. Illumination	1 Lux at F1.2	
Pan / Tilt / Rotate	Pan 350±5°, Tilt 120±5°	
Video Compression	H.264 / MPEG-4 / M-JPEG	
Max Resolution	QXGA (2048 x1536) @ 20fps	
Special Features	Event Trigger	Motion Detection, Alarm, Schedule
	Digital In / Out Points	2 In / 1 Out
	Pre/Post-Alarm Buffer	2 sec. pre-alarm / 5 sec. post-alarm
	Digital Zoom	10x
	RS-485 Support	Yes
	Smartphone Monitoring	Free iPhone, Android App
	Multiple Streaming	LAN Multicast
Storage	1 SD/SDHC Card Slot, up to 32GB	
Audio Interface	1 Built-In Microphone / 1 In / 1 Out	
Network	10BASE-T / 100BASE-TX	
Power Supply	DC 12V / PoE (IEEE802.3af)	
Operating Temperature	0°C - 50°C	
Dimensions (mm)	119(H) x 116(W) x 108(L)	
Certification (EMI, IP, RoHS)	CE / FCC / RoHS	
ONVIF Support	v 1.02	

IP Surveillance Solution

