VIVOTEK
BUILT WITH RELIABILITY

Cube
Network Camera
IP8130/31

1MP • Compact Size

VIVOTEK IP8130 is a compact cube camera designed for indoor surveillance. The elegant design makes it an ideal solution for offices, shops and homes. A built-in microphone further increases the level of surveillance by recording sound within a 5 meter radius. Moreover, the IP8131 is equipped with IR LEDs and provides clear video in completely dark environments.

The IP8130/31 supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. Together with the ST7501 multi-lingual 32-channel recording software, users can set up an easy-to-use IP surveillance system with ease. VIVOTEK also provides the smart phone application iViewer, both on iPhone and Android phones, enable users to monitor live video off-site.

Features

- 1-Megapixel CMOS Sensor
- Compact Design
- Real-time H.264 and MJPEG Compression (Dual Codec)
- 30 fps @ 1280x800
- Two-way Audio
- Removable IR-cut Filter for Day and Night Function (IP8131)
- Built-in IR Illuminators, Effective up to 6 Meters (IP8131)
- Built-in MicroSD/SDHC Card Slot for On-board Storage

Built-in Microphone

On-board Storage

Home

Office

Technical Specifications

Models	IP8130
	IP8131 (Day/Night)

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	16 MB
RAM	128 MB

Camera Features

Image Sensor	1/4" Progressive CMOS
Maximum Resolution	1280x800
Lens Type	Fixed-focal
Focal Length	f = 3.6 mm
Aperture	F1.8
Field of View	61° (horizontal)
	38° (Vertical)
	73° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
Day/Night	Removable IR-cut filter for day & night function (IP8131)
Minimum Illumination	0.45 Lux, 50 IRE (Color)
	0.001 Lux, 50 IRE (B/W) (IP8131)
Pan/tilt/zoom Functionalities	ePTZ: 16x digital zoom (4x on IE plug-in, 4x built-in)
IR Illuminators	Built-in IR illuminators, effective up to 6 meters
	IR LED*6 (IP8131)
On-board Storage	Micro SD/SDHC/SDXC card slot

Video

Compression	H.264 & MJPEG
Maximum Frame Rate	H.264:
	30 fps at 1280x800
	MJPEG:
	30 fps at 1280x800
Maximum Streams	2 simultaneous streams
S/N Ratio	Above 62 dB
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

Audio

Audio Capability	Audio input/output (full duplex)
Compression	G.711
Interface	Built-in Microphone
	External line output
Effective Range	5 meters

Network

Users	Live viewing for up to 10 clients
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X
Interface	10Base-T/100 BaseTX Ethernet (RJ-45)
ONVIF	Supported, specification available at www.onvif.org

Intelligent Video

Video Motion Detection	Triple-window video motion detection

Alarm and Event

Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
Alarm Events	Event notification using HTTP, SMTP, FTP and NAS server
	File upload via HTTP, SMTP, FTP and NAS server

General

Connectors	RJ-45 for Network connection
	Terminal block*2 for digital input
	Terminal block*2 for audio out
	DC-Jack for DC 12V power input
LED Indicator	System power and status indicator
Power Input	12V DC
Power Consumption	Max. 1.8W (IP8130)
	Max. 3.0W (IP8131)
Dimensions	31mm (D) x 80mm (W) x 80mm (H) (IP8130)
	46mm (D) x 80mm (W) x 80mm (H) (IP8131)
Weight	83 g (IP8130)
	123 g (IP8131)
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
Operating Temperature	0°C ~ 40°C
Warranty	24 months

System Requirements

Operating System	Microsoft Windows 7/Vista/XP/2000
Web Browser	Mozilla Firefox 7~10 (streaming only)
	Internet Explorer 7.x or 8.x
Other Players	VLC: 1.1.11 or above
	QuickTime: 7 or above

Included Accessories

CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Power Adapter	DC 12V, 1.5A
Others	Quick installation guide, warranty card, camera mounting kit, Ethernet cable

Dimensions

- IP8130
- IP8131

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