

# IP7130

Fixed Network Camera

***Tamper Detection • Dual Streams • PoE***



VIVOTEK's IP7130 fixed network camera is an economical and easy-to-use surveillance system designed for indoor applications such as offices, banks, and retail stores.

This camera comes with the tamper detection feature, which detects data loss from camera tampering in real-time. When the camera is blocked, redirected, or spray-painted, security staff will be alerted immediately in accordance with the camera settings. With its dual-stream feature, the IP7130 also allows two video streams to be delivered in different resolutions, frame rates, and image qualities for individual recording or bandwidth demands. Images can be displayed in VGA format for real-time monitoring while displayed on a 3GPP mobile phone in lower resolution, giving users a higher level of flexibility for dealing with camera images on different platforms. The integrated 802.3af compliant PoE function reduces cabling clutter, making the IP7130 a cost-effective surveillance system.

With other advanced features such as two-way audio via SIP protocol, digital I/O, HTTPS encryption, and the included 32-CH central management software, the IP7130 is the camera of choice for customers requiring value in their investment.

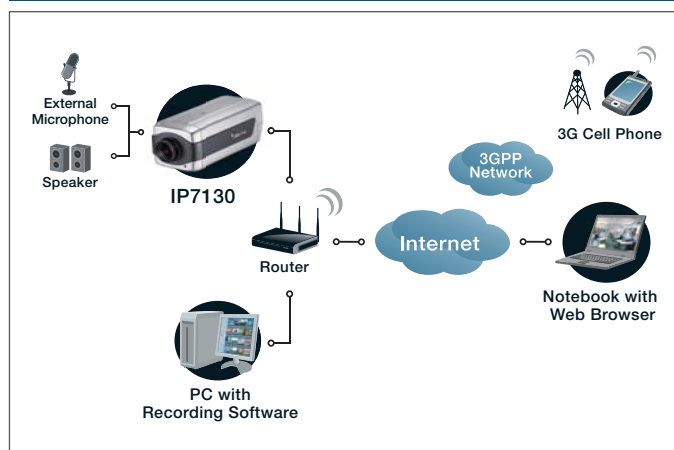
## Features

- > 1/4" CMOS Sensor in VGA resolution
- > Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- > Simultaneous Dual Streams
- > Tamper Detection for Unauthorized Changes
- > 3GPP Mobile Surveillance
- > Built-in 802.3af Compliant PoE
- > Two-way Audio via SIP Protocol
- > Digital I/O for External Sensor and Alarm
- > HTTPS Encrypted Data Transmission

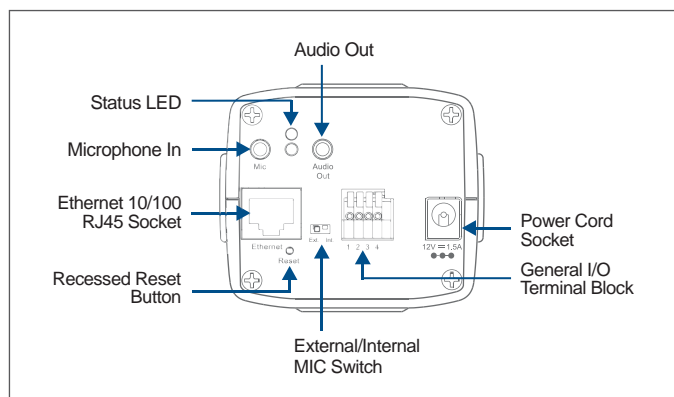
System	<ul style="list-style-type: none"> <li>CPU: Mozart 120 SoC</li> <li>Flash: 8MB</li> <li>RAM: 64MB + 64MB</li> <li>Embedded OS: Linux 2.6</li> </ul>
Lens	<ul style="list-style-type: none"> <li>CS-mount, f = 4.0 mm, F1.6, Fixed</li> </ul>
Angle of View	<ul style="list-style-type: none"> <li>48.5° (horizontal)</li> </ul>
Shutter Time	<ul style="list-style-type: none"> <li>1/5 sec. to 1/15,000 sec.</li> </ul>
Image Sensor	<ul style="list-style-type: none"> <li>1/4" CMOS sensor in VGA resolution</li> </ul>
Minimum Illumination	<ul style="list-style-type: none"> <li>0.1 Lux / F1.6</li> </ul>
Video	<ul style="list-style-type: none"> <li>Compression: MJPEG &amp; MPEG-4</li> <li>Streaming:                             <ul style="list-style-type: none"> <li>Simultaneous dual streams</li> <li>MPEG-4 streaming over UDP, TCP, HTTP or HTTPS</li> <li>MPEG-4 multicast streaming</li> <li>MJPEG streaming over HTTP or HTTPS</li> </ul> </li> <li>Supports 3GPP mobile surveillance</li> <li>Frame rates:                             <ul style="list-style-type: none"> <li>MPEG-4: Up to 30/25 fps at 640x480</li> <li>MJPEG: Up to 30/25 fps at 640x480</li> </ul> </li> </ul>
Image Settings	<ul style="list-style-type: none"> <li>Adjustable image size, quality and bit rate</li> <li>Time stamp and text caption overlay</li> <li>Flip &amp; mirror</li> <li>Configurable brightness, contrast, saturation, sharpness, white balance and exposure</li> <li>AGC, AWB, AES</li> <li>BLC (Backlight Compensation)</li> <li>Supports privacy masks</li> </ul>
Audio	<ul style="list-style-type: none"> <li>Compression:                             <ul style="list-style-type: none"> <li>GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps</li> <li>MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps</li> </ul> </li> <li>Interface:                             <ul style="list-style-type: none"> <li>Built-in microphone</li> <li>External microphone input</li> <li>Audio output</li> <li>External/Internal microphone switch</li> </ul> </li> <li>Supports two-way audio via SIP protocol</li> <li>Supports audio mute</li> </ul>
Networking	<ul style="list-style-type: none"> <li>10/100 Mbps Ethernet, RJ-45</li> <li>Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS and PPPoE</li> </ul>
Alarm and Event Management	<ul style="list-style-type: none"> <li>Triple-window video motion detection</li> <li>Tamper detection</li> <li>One D/I and one D/O for external sensor and alarm</li> <li>Event notification using HTTP, SMTP or FTP</li> <li>Local recording of MP4 file</li> </ul>
Security	<ul style="list-style-type: none"> <li>Multi-level user access with password protection</li> <li>IP address filtering</li> <li>HTTPS encrypted data transmission</li> </ul>
Users	<ul style="list-style-type: none"> <li>Live viewing for up to 10 clients</li> </ul>
Dimension	<ul style="list-style-type: none"> <li>154 mm (D) x 72 mm (W) x 62 mm (H)</li> </ul>
Weight	<ul style="list-style-type: none"> <li>623 g</li> </ul>
LED Indicator	<ul style="list-style-type: none"> <li>System power and status indicator</li> <li>System activity and network link indicator</li> </ul>
Power	<ul style="list-style-type: none"> <li>12V DC</li> <li>Power consumption: Max. 6 W</li> <li>802.3af compliant Power-over-Ethernet</li> </ul>
Approvals	<ul style="list-style-type: none"> <li>CE, LVD, FCC, VCCI, C-Tick</li> </ul>
Operating Environments	<ul style="list-style-type: none"> <li>Temperature: 0 ~ 50 °C (32 ~ 122 °F)</li> <li>Humidity: 90% RH</li> </ul>

Viewing System Requirements	<ul style="list-style-type: none"> <li>OS: Microsoft Windows 7/Vista/XP/2000</li> <li>Browser: Mozilla Firefox, Internet Explorer 6.x or above</li> <li>Cell phone: 3GPP player</li> <li>Real Player: 10.5 or above</li> <li>Quick Time: 6.5 or above</li> </ul>
Installation, Management, and Maintenance	<ul style="list-style-type: none"> <li>Installation Wizard 2</li> <li>32-CH ST7501 recording software</li> <li>Supports firmware upgrade</li> </ul>
Applications	<ul style="list-style-type: none"> <li>SDK available for application development and system integration</li> </ul>
Warranty	<ul style="list-style-type: none"> <li>12 months</li> </ul>

## System Overview



## External View



## Accessories



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