

IP7160

Fixed Network Camera

2MP • Multiple Streams • SD/SDHC Card



VIVOTEK IP7160 is a cost-effective 2-megapixel network camera ideal for locations and situations requiring accurate identification such as banks and airports. With a 2-megapixel sensor, the IP7160 can deliver extremely clear and detailed images for accurate video content analysis. Additionally, the camera can capture a more comprehensive area of a scene than a standard VGA camera, significantly reducing the number of cameras required.

The IP7160 also supports tamper detection, 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. In order to make more efficient use of bandwidth by reducing transmission of unnecessary data, the IP7160 features a SD/SDHC card slot for on-board storage*, which also prevents data loss due to network disconnection. The integrated 802.3af compliant PoE function reduces cabling problems, making the IP7160 a cost-effective surveillance solution.

With other advanced features including simultaneous multiple streams, two-way audio via SIP protocol, and HTTPS encrypted data transmission, the IP7160 proves to be an affordable high-resolution surveillance system.

Features

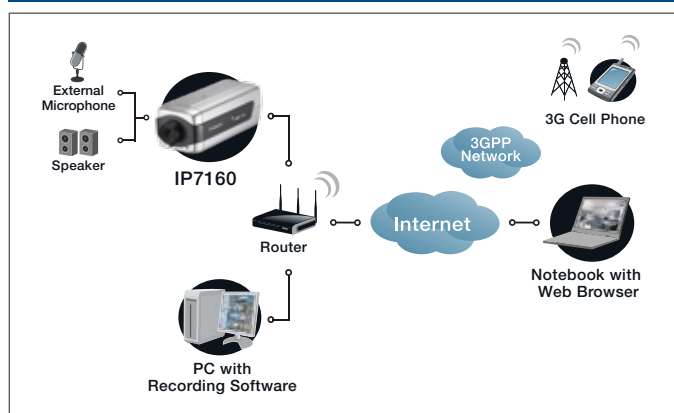
- > 2-megapixel CMOS Sensor
- > Auto-iris Lens (Optional)
- > Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- > Multiple Simultaneous Streams
- > Video Cropping for Bandwidth Saving
- > ePTZ for Data Efficiency
- > Activity Adaptive Streaming for Dynamic Frame Rate Control
- > Tamper Detection for Unauthorized Changes
- > Built-in 802.3af Compliant PoE
- > Two-way Audio via SIP Protocol
- > Built-in SD/SDHC Card Slot for On-board Storage*

* No SD/SDHC card slot & local storage function for Argentina.

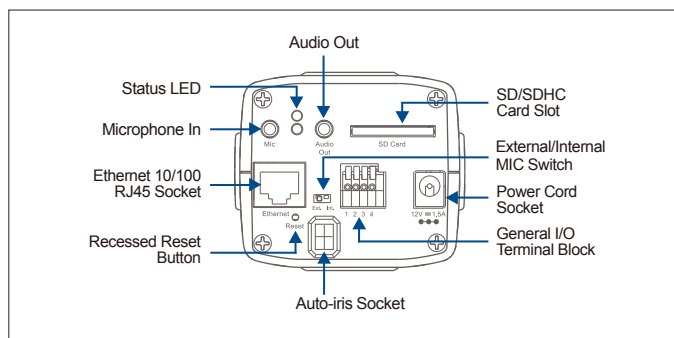
System	<ul style="list-style-type: none"> CPU: Mozart 120 SoC Flash: 16MB RAM: 128MB + 128MB Embedded OS: Linux 2.6
Lens	<ul style="list-style-type: none"> CS-mount, f = 4.2 mm, F1.8, Fixed
Angle of View	<ul style="list-style-type: none"> 71.2° (horizontal)
Shutter Time	<ul style="list-style-type: none"> 1/5 sec. to 1/40,000 sec.
Image Sensor	<ul style="list-style-type: none"> 1/3.2" CMOS sensor in 1600x1200 resolution
Minimum Illumination	<ul style="list-style-type: none"> 0.3 Lux / F1.8
Video	<ul style="list-style-type: none"> Compression: MJPEG & MPEG-4 Streaming: <ul style="list-style-type: none"> Simultaneous multiple streams MPEG-4 streaming over UDP, TCP, HTTP or HTTPS MPEG-4 multicast streaming MJPEG streaming over HTTP or HTTPS Supports activity adaptive streaming for dynamic frame rate control Supports video cropping for bandwidth saving Supports ePTZ for data efficiency Supports 3GPP mobile surveillance Frame rates: <ul style="list-style-type: none"> MPEG-4: up to 20 fps at 1280x720 up to 10 fps at 1600x1200 MJPEG: up to 30 fps at 1280x720 up to 15 fps at 1600x1200
Image Settings	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Compression: <ul style="list-style-type: none"> GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps Interface: <ul style="list-style-type: none"> Built-in microphone External microphone input Audio output External/Internal microphone switch Supports two-way audio via SIP protocol Supports audio mute
Networking	<ul style="list-style-type: none"> 10/100 Mbps Ethernet, RJ-45 Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTMP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP and 802.1X
Alarm and Event Management	<ul style="list-style-type: none"> Triple-window video motion detection Tamper detection One D/I and one D/O for external sensor and alarm Event notification using HTTP, SMTP or FTP Local recording of MP4 file
On-board Storage	<ul style="list-style-type: none"> SD/SDHC card slot Stores snapshots and video clips <p><i>*Note: No SD/SDHC card slot & local storage function for Argentina.</i></p>
Security	<ul style="list-style-type: none"> Multi-level user access with password protection IP address filtering HTTPS encrypted data transmission 802.1X port-based authentication for network protection
Users	<ul style="list-style-type: none"> Live viewing for up to 10 clients
Dimension	<ul style="list-style-type: none"> 154 mm (D) x 72 mm (W) x 62 mm (H)
Weight	<ul style="list-style-type: none"> 623 g
LED Indicator	<ul style="list-style-type: none"> System power and status indicator System activity and network link indicator

Power	<ul style="list-style-type: none"> 12V DC Power consumption: Max. 7 W 802.3af compliant Power-over-Ethernet
Approvals	<ul style="list-style-type: none"> CE, LVD, FCC, VCCI, C-Tick
Operating Environments	<ul style="list-style-type: none"> Temperature: 0 ~ 50 °C (32 ~ 122 °F) Humidity: 90% RH
Viewing System Requirements	<ul style="list-style-type: none"> OS: Microsoft Windows 7/Vista/XP/2000 Browser: Mozilla Firefox, Internet Explorer 6.x or above Cell phone: 3GPP player Real Player: 10.5 or above Quick Time: 6.5 or above
Installation, Management, and Maintenance	<ul style="list-style-type: none"> Installation Wizard 2 32-CH ST7501 central management software Supports firmware upgrade
Applications	<ul style="list-style-type: none"> SDK available for application development and system integration
Warranty	<ul style="list-style-type: none"> 24 months

System Overview



External View



Accessories



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