

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 Streams Simultaneously
- > ePTZ for Data Efficiency
- > Time-shift Streaming for Recording Pre- and Post-event Video
- > Detects Tampering from Blockage, Redirection or Spray-painting
- > 3GPP Mobile Surveillance
- > Built-in 802.3af Compliant PoE
- > Two-way Audio via SIP Protocol
- > Built-in SD/SDHC Card Slot for On-board Storage
- > Includes Free Standard 32-CH ST7501 Central Management Software

System	- CPU: Mozart 120 SoC - Flash: 16MB - RAM: 128MB + 128MB - Embedded OS: Linux 2.6	Power	12V DC - Power consumption: Max. 7 W 802.3af compliant Power-over-Ethernet
Lens	CS-mount, f = 4.2 mm, F1.8, Fixed	Approvals	CE, LVD, FCC, VCCI, C-Tick
Angle of View	71.2° (horizontal)	Operating Environments	- Temperature: 0 ~ 50 °C (32 ~ 122 °F) - Humidity: 90% RH
Shutter Time	1/5 sec. to 1/40,000 sec.	Viewing System Requirements	- OS: Microsoft Windows 2000/XP/Vista - 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
Image Sensor	1/3.2" CMOS sensor in 1600x1200 resolution	Installation, Management, and Maintenance	- Installation Wizard 2 32-CH ST7501 central management software - Supports firmware upgrade
Minimum Illumination	0.3 Lux / F1.8	Applications	SDK available for application development and system integration
Video	- Compression: MJPEG & MPEG-4 - Streaming: - Simultaneous multiple streams - MPEG-4 streaming over UDP, TCP, HTTP or HTTPS - MPEG-4 multicast streaming - MJPEG streaming over HTTP or HTTPS - Supports time-shift streaming for recording pre- and post-event video - Supports ePTZ for data efficiency - Supports 3GPP mobile surveillance - Frame rates: - MPEG-4: up to 30 fps at 800x600 - up to 10 fps at 1600x1200 - MJPEG: up to 30 fps at 800x600 - up to 15 fps at 1600x1200	Warranty	24 months
Image Settings	- 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	System Overview	
Audio	- Compression: - 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: - Built-in microphone - External microphone input - Audio output - External/Internal microphone switch - Supports two-way audio via SIP protocol - Supports audio mute	External View	
Networking	10/100 Mbps Ethernet, RJ-45 - Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP and 802.1X	Accessories	
Alarm and Event Management	- 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	- SD/SDHC card slot - Stores snapshots and video clips		
Security	- Multi-level user access with password protection - IP address filtering - HTTPS encrypted data transmission 802.1X port-based authentication for network protection		
Users	Live viewing for up to 10 clients		
Dimension	154 mm (D) x 72 mm (W) x 62 mm (H)		
Weight	623 g		
LED Indicator	- System power and status indicator - System activity and network link indicator		

Distributed by:

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