

# IP7361

Network Bullet Camera

**Outdoor • 2-megapixel • Day&Night**



VIVOTEK IP7361 is a high-end 2-megapixel network bullet camera for outdoor surveillance. With high resolution and a combination of outdoor-specific features such as concealed wiring to prevent tampering, the IP7361 is the camera of choice for applications such as parking lots, gas stations, and building entrances.

The IP7361 boasts high-definition 2-megapixel (1600 x 1200) resolution, allowing for the delivery of extremely detailed images and coverage 6 times larger than a VGA camera. To maximize the benefit of the 2-megapixel sensor, the IP7361 employs several innovative technologies for optimized bandwidth efficiency. The ePTZ function enables users to quickly move to a target area for close-up shots without moving the camera physically. Users can also receive only the portions of the images they are interested in via the cropping function. Furthermore, multiple video streams can be delivered simultaneously in different resolutions, frame rates, and image qualities for viewing on different platforms so as to meet different needs or bandwidth constraints. The IP7361 also offers activity adaptive streaming support that dynamically allocates bandwidth according to the video content and trigger state.

Aimed at outdoor surveillance, the IP7361 features auto-iris capability to protect the lens from damage induced by direct sunlight. To adapt to light changes throughout the day, the camera is furnished with a removable IR-cut filter and IR illuminators for superior image quality around the clock. The IP7361 also comes with an IP66-rated housing that offers protection against rain and dust to ensure functional operation in all types of weather conditions. For easy management and protection against tempering and vandalism, the IP7361 is also equipped with a mounting bracket that conceals all cables within the bracket.

With other advanced features such as tamper detection, 802.3af compliant PoE, SD/SDHC card on-board storage, and two-way audio via SIP protocol, the IP7361 is a full-fledged surveillance solution for outdoor environments

## Features

- > 2-megapixel CMOS Sensor
- > 3 ~ 9 mm Vari-focal, Auto-iris Lens
- > Removable IR-cut Filter for Day & Night Function
- > Built-in IR Illuminators, effective up to 25 Meters
- > Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- > Multiple Streams Simultaneously
- > ePTZ for Data Efficiency
- > Activity Adaptive Streaming for Dynamic Frame Rate Control
- > Weather-proof IP66-rated Housing
- > Built-in 802.3af Compliant PoE
- > Two-way Audio via SIP Protocol
- > Built-in SD/SDHC Card Slot for On-board Storage
- > Digital I/O for External Sensor and Alarm

System	<ul style="list-style-type: none"> <li>CPU: Mozart 120 SoC</li> <li>Flash: 16MB</li> <li>RAM: 128MB + 128MB</li> <li>Embedded OS: Linux 2.6</li> </ul>	Weight	<ul style="list-style-type: none"> <li>TBD</li> </ul>
Lens	<ul style="list-style-type: none"> <li>Board lens, vari-focal, f = 3 ~ 9 mm, F1.2 (wide), F2.1 (tele), auto-iris</li> <li>Removable IR-cut filter for day &amp; night function</li> </ul>	LED Indicator	<ul style="list-style-type: none"> <li>System restore status indicator</li> </ul>
Angle of View	<ul style="list-style-type: none"> <li>31.7° ~ 93.0° (horizontal)</li> <li>23.8° ~ 68.4° (vertical)</li> </ul>	Power	<ul style="list-style-type: none"> <li>12V DC</li> <li>24V AC</li> <li>Power consumption: TBD</li> <li>802.3af compliant Power-over-Ethernet</li> </ul>
Shutter Time	<ul style="list-style-type: none"> <li>1/5 sec. to 1/40,000 sec.</li> </ul>	Housing	<ul style="list-style-type: none"> <li>Weather-proof IP66-rated housing</li> </ul>
Image Sensor	<ul style="list-style-type: none"> <li>1/3.2" CMOS sensor in 1600x1200 resolution</li> </ul>	Approvals	<ul style="list-style-type: none"> <li>CE, LVD, FCC, VCCI, C-Tick</li> </ul>
Minimum Illumination	<ul style="list-style-type: none"> <li>TBD</li> <li>0 Lux / F1.2 (IR LED on)</li> </ul>	Operating Environments	<ul style="list-style-type: none"> <li>Temperature: -20 ~ 60 °C (-4 ~ 140 °F)</li> <li>Humidity: 90% RH</li> </ul>
IR Illuminators	<ul style="list-style-type: none"> <li>Built-in IR illuminators, effective up to 25 meters</li> </ul>	Viewing System Requirements	<ul style="list-style-type: none"> <li>OS: Microsoft Windows 2000/XP/Vista</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>
Video	<ul style="list-style-type: none"> <li>Compression: MJPEG &amp; MPEG-4</li> <li>Streaming: <ul style="list-style-type: none"> <li>Simultaneous multiple 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 activity adaptive streaming for dynamic frame rate control</li> <li>Supports video cropping for bandwidth saving</li> <li>Supports ePTZ for data efficiency</li> <li>Supports 3GPP mobile surveillance</li> <li>Frame rates: <ul style="list-style-type: none"> <li>MPEG-4: up to 30 fps at 800x600 up to 10 fps at 1600x1200</li> <li>MJPEG: up to 30 fps at 800x600 up to 15 fps at 1600x1200</li> </ul> </li> </ul>	Installation, Management, and Maintenance	<ul style="list-style-type: none"> <li>Mounting bracket w/ cable concealment</li> <li>RS-485 interface for scanners, pan/tilts</li> <li>Installation Wizard 2</li> <li>32-CH ST7501 central management software</li> <li>Supports firmware upgrade</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>Automatic, manual, or scheduled day/night mode</li> <li>BLC (Backlight Compensation)</li> <li>Supports privacy masks</li> </ul>	Applications	<ul style="list-style-type: none"> <li>SDK available for application development and system integration</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>External microphone input</li> <li>Audio output</li> </ul> </li> <li>Supports two-way audio via SIP protocol</li> <li>Supports audio mute</li> </ul>	Warranty	<ul style="list-style-type: none"> <li>24 months</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, PPPoE, CoS, QoS, SNMP and 802.1X</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>		
On-board Storage	<ul style="list-style-type: none"> <li>SD/SDHC card slot</li> <li>Stores snapshots and video clips</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> <li>802.1X port-based authentication for network protection</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>TBD</li> </ul>		

All specifications are subject to change without notice. Copyright©2009 VIVOTEK INC. All rights reserved.

Distributed by:



6F, No.192, Lien-Cheng Rd., Chung-Ho, Taipei County, Taiwan  
Tel: +886 2 8245 5282 | Fax: +886 2 8245 5532 | E-mail: sales@vivotek.com

**VIVOTEK USA, INC.**

470 Lakeside Drive Suite C, Sunnyvale, CA 94085 USA

Tel: 408-773-8686 | Fax: 408-773-8298 | E-mail: salesusa@vivotek.com