



Fixed Network Camera IP7161-SS

2-Megapixel • H.264 • Day & Night



VIVOTEK IP7161-SS is a high-end 2-Megapixel network camera with true day and night functions ideally suited for wide, open spaces such as building entrances and airports, or applications requiring accurate identification of individuals, objects, and vehicle license plates.

With high-definition 2-Megapixel (1600 x 1200) resolution, the IP7161-SS can deliver extremely clear and detailed images and provide coverage 6 times larger than a VGA camera. Its ePTZ function enables users to quickly move to a target area for close-up shots without moving the camera physically. In addition, 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.

To consistently maintain superior image quality during 24-hour surveillance, the IP7161-SS comes with a built-in removable IR-cut filter to accept IR illumination and an auto-iris lens to adapt to frequent light changes. For safe and secure monitoring, the IP7161-SS also supports tamper detection so that security staff can be alerted immediately if the camera is blocked, redirected, defocused, or spray-painted. The exceptional activity adaptive streaming can optimize bandwidth usage by allowing for a low frame rate in normal monitoring and a high frame rate during event-triggered recording.

The IP7161-SS includes other advanced features such as a C/CS-mount adjustment ring, 802.3af compliant PoE, two-way audio and HTTPS encrypted data transmission.

Technical Specifications

<p>System</p> <ul style="list-style-type: none"> · CPU: Mozart 120 SoC · Flash: 16MB · RAM: 128MB + 128MB · Embedded OS: Linux 2.6 <p>Lens</p> <ul style="list-style-type: none"> · CS-mount, vari-focal, f = 4.5 ~ 10 mm, F1.6, auto-iris · Removable IR-cut filter for day & night function <p>Angle of View</p> <ul style="list-style-type: none"> · 21.8°~43.6° (horizontal) <p>Shutter Time</p> <ul style="list-style-type: none"> · 1/5 sec. to 1/40,000 sec. <p>Image Sensor</p> <ul style="list-style-type: none"> · 1/3.2" CMOS sensor in 1600x1200 resolution <p>Minimum Illumination</p> <ul style="list-style-type: none"> · 0.8 Lux / F1.6 <p>Video</p> <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: <ul style="list-style-type: none"> Up to 20 fps at 1280x720 Up to 10 fps at 1600x1200 MJPEG: <ul style="list-style-type: none"> Up to 30 fps at 1280x720 UP to 15 fps at 1600x1200 <p>Image Settings</p> <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 · Automatic, manual or scheduled day/night mode · BLC (Backlight Compensation) · Supports privacy masks <p>Audio</p> <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 · Supports audio mute <p>Networking</p> <ul style="list-style-type: none"> · 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 	<p>Alarm and Event Management</p> <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 <p>Security</p> <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 <p>Users</p> <ul style="list-style-type: none"> · Live viewing for up to 10 clients <p>Weight</p> <ul style="list-style-type: none"> · Net: 662 g <p>LED Indicator</p> <ul style="list-style-type: none"> · System power and status indicator · System activity and network link indicator <p>Power</p> <ul style="list-style-type: none"> · 12V DC · 24V AC · Power consumption: Max. 8 W · 802.3af compliant Power-over-Ethernet <p>Approvals</p> <ul style="list-style-type: none"> · CE, LVD, FCC, VCCI, C-Tick <p>Operating Environments</p> <ul style="list-style-type: none"> · Temperature: 0 ~ 50 °C (32 ~ 122 °F) · Humidity: 90% RH <p>Viewing System Requirements</p> <ul style="list-style-type: none"> · OS: Microsoft Windows 7/Vista/XP/2000 · Browser: Mozilla Firefox, Internet Explorer 7.x or above · Cell phone: 3GPP player · Real Player: 10.5 or above · Quick Time: 6.5 or above <p>Installation, Management, and Maintenance</p> <ul style="list-style-type: none"> · RS-485 interface for scanners, pan/tilts · Installation Wizard 2 · 32-CH ST7501 recording software · Supports firmware upgrade <p>Applications</p> <ul style="list-style-type: none"> · SDK available for application development and system integration <p>Warranty</p> <ul style="list-style-type: none"> · 24 months <p>Dimension</p> <ul style="list-style-type: none"> · 154 mm (D) x 72 mm (W) x 62 mm (H) <div style="text-align: center;"> </div>
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