



System <ul style="list-style-type: none"> CPU: Mozart 120 SoC Flash: 16MB RAM: 128MB + 128MB Embedded OS: Linux 2.6 	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
Lens <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 	On-board Storage <ul style="list-style-type: none"> SD/SDHC card slot Stores snapshots and video clips
Angle of View <ul style="list-style-type: none"> 37.1° ~ 77.6° (horizontal) 	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
Shutter Time <ul style="list-style-type: none"> 1/5 sec. to 1/40,000 sec. 	Users <ul style="list-style-type: none"> Live viewing for up to 10 clients
Image Sensor <ul style="list-style-type: none"> 1/3.2" CMOS sensor in 1600x1200 resolution 	Dimension <ul style="list-style-type: none"> 154 mm (D) x 72 mm (W) x 62 mm (H)
Minimum Illumination <ul style="list-style-type: none"> 0.8 Lux / F1.6 	Weight <ul style="list-style-type: none"> Net: 662 g
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 ePTZ for data efficiency Supports 3GPP mobile surveillance Frame rates: <ul style="list-style-type: none"> 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 	LED Indicator <ul style="list-style-type: none"> System power and status indicator System activity and network link indicator
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 Automatic, manual or scheduled day/night mode BLC (Backlight Compensation) Supports privacy masks 	Power <ul style="list-style-type: none"> 12V DC 24V AC Power consumption: Max. 8 W 802.3af compliant Power-over-Ethernet
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 	Approvals <ul style="list-style-type: none"> CE, LVD, FCC, VCCI, C-Tick
Networking <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 	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 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
	Installation, Management, and Maintenance <ul style="list-style-type: none"> RS-485 interface for scanners, pan/tilts 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

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Fixed Network Camera

IP7161

2-megapixel • Day & Night



VIVOTEK IP7161 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 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 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 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 includes other advanced features such as a C/CS-mount adjustment ring, SD/SDHC card on-board storage, 802.3af compliant PoE, two-way audio via SIP protocol, and HTTPS encrypted data transmission.