

Pan/Tilt
Network Camera
MPEG4



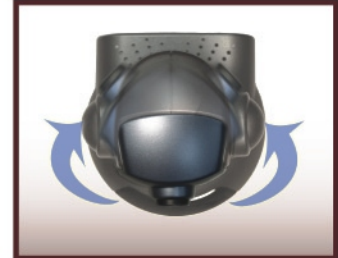
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*Complete Solution for Internet Video Transmission
and Recording*

Vivotek IP Surveillance System

► Fast Pan/Tilt

- High-speed pan & tilt for the highly responsive viewing freedom.
- **Auto pan mode:** Move the CCD head in horizontal direction one time to scan the whole range; The pan speed can be adjusted.
- **Auto Patrol mode:** Move the CCD head among up to 20 preset positions.



· Pan:270°



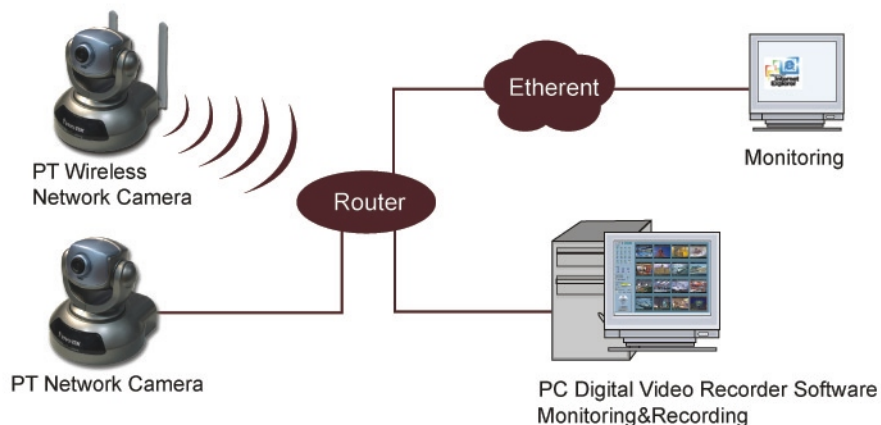
· Tilt:135°

► Synchronizing Video & Audio Transmission

Vivotek MPEG4 video and audio compression engine technology ensures the lowest bandwidth requirement without sacrificing quality.

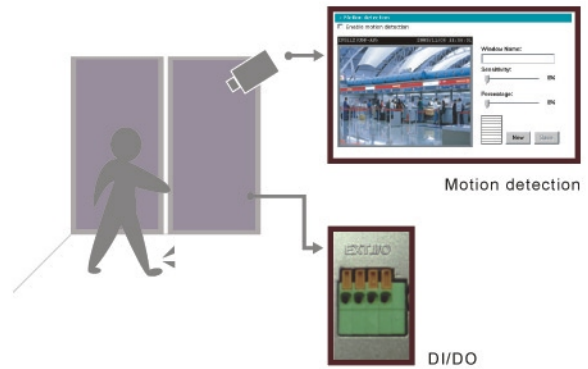
► Direct Ethernet/Wireless Network Connectivity

Simplicity and flexibility is achieved through easy connection to Ethernet hub/router or WLAN access point.



▶ Alarm I/O & Motion Detection

Besides intelligent motion detection, Pan/Tilt Network Camera provides a general I/O terminal block including one alarm trigger input and one relay switch for device control. Using the motion detection or signal output from the alarm trigger connector, you can upload snapshots to trace the happened events.



● Example of system installation with alarm function

▶ Built-in Web Server

The Pan/Tilt Network Camera provides convenient access to visual contact via popular web browsers; the integrated pan/tilt function can also be controlled remotely from viewer's browser.

Three different user levels are determined by authentication of ID/password assigned to individual users:

- (1) Only video/audio access
- (2) Plus operation of DI/DO control
- (3) Plus system configuration.



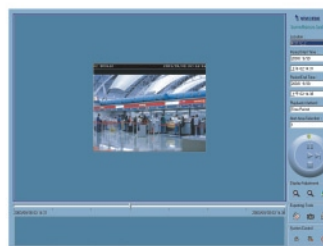
● PT Camera Control

▶ Free Bundled 4 Channels Monitoring & Recording Software

ST3201 is a professional surveillance software supporting Vivotek 3000 series Video Server and Network Cameras. It provides simultaneous monitoring and image recording for four units as well as fast search and playback.



Monitoring & Recording



Playback

<p>Remote Management Networking</p>	<ul style="list-style-type: none"> · Configuration and system log can be accessed via web browser and FTP application remotely <p>Protocol</p> <ul style="list-style-type: none"> · UPnP, TCP/IP, HTTP, SMTP, FTP, Telnet, NTP, DNS and DHCP <p>Ethernet</p> <ul style="list-style-type: none"> · 10BaseT or 100BaseT Fast Ethernet · 22Mbps 802.11b+ wireless LAN (PT3113/3123 only) 	<p>Security</p>	<ul style="list-style-type: none"> · Three levels of user privilege · ID/Password authentication
<p>Video</p>	<p>Algorithm supported</p> <ul style="list-style-type: none"> · MPEG4 (short header mode) for streaming video · JPEG for still image <p>Features</p> <ul style="list-style-type: none"> · Adjustable image size, quality and bit-rate · Time stamp and text caption · Three configurable motion detection windows · Flip & mirror · Video output connector 	<p>Camera Specifications</p>	<ul style="list-style-type: none"> · 1/4" color CCD image sensor · 512(H) x 492(V)(NTSC)/512(H)x582(V)(PAL) · 1 Lux/F2.0 · AGC/AWB · Electronic Shutter: 1/60 (1/50) to 1/100,000 sec. · Lens: 4.3mm, F2.0
<p>Video Resolution</p>	<p>NTSC(PT3112/PT3113)</p> <ul style="list-style-type: none"> · Up to 30 frames at 176x120 · Up to 30 frames at 352x240 <p>PAL(PT3122/PT3123)</p> <ul style="list-style-type: none"> · Up to 25 frames at 176x144 · Up to 25 frames at 352x288 	<p>LED Indicators</p>	<ul style="list-style-type: none"> · System power and microphone indicator · System activity and network link indicator
<p>Viewing System Requirement</p>	<p>· Internet Explorer 5.x or above</p>	<p>Sensor and relay</p>	<ul style="list-style-type: none"> · 1 opto-isolated sensor input · 1 alarm relay output
<p>Audio</p>	<p>Algorithm</p> <ul style="list-style-type: none"> · 24kbps <p>Features</p> <ul style="list-style-type: none"> · Built in microphone · External microphone connector · Audio output connector 	<p>Dimension</p>	<ul style="list-style-type: none"> · Length: 105mm · Width: 105mm · Height: 110mm
<p>Pan/Tilt</p>	<ul style="list-style-type: none"> · Pan: range $\pm 135; 10^{\circ} \sim 50^{\circ}/\text{sec}$ · Tilt: range $+90^{\circ} \sim -45; 7^{\circ} \sim 25^{\circ}/\text{sec}$ · Auto pan mode · Auto patrol mode 	<p>Weight</p>	<ul style="list-style-type: none"> · Net: 350g
		<p>Power</p>	<ul style="list-style-type: none"> · 12V DC, 1.5A external universal power supply
		<p>Development Kit</p>	<ul style="list-style-type: none"> · Open ActiveX control
		<p>EMI & Safety</p>	<ul style="list-style-type: none"> · CE, FCC



Pan Tilt Wireless Network Camera

PT3113:NTSC

PT3123:PAL

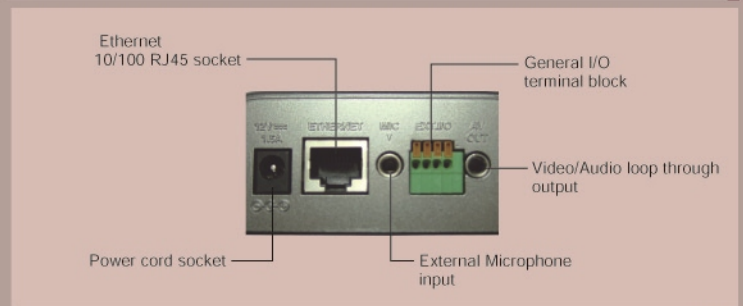


Pan Tilt Network Camera

PT3112:NTSC

PT3122:PAL

Rear View



Optional Accessories

IR Remote controller



** All specifications are subject to change without notice.

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