

# IP550

## 2 Megapixel / Day & Night / PTZ / HD H.264 Network Camera



Get Your Peace of Mind with Compro IP550

- Pan/Tilt with 10x digital zoom
- Day & Night functionality for 24/7 surveillance
- Dual H.264, MJPEG or MPEG-4 video stream
- 2 megapixel / HD resolution
- Active bandwidth management
- Compatible with ONVIF standard
- SMS & Email notification
- Built-in microphone
- Two-way audio communication
- Video recording to local microSD/SDHC or remote NAS
- Upgradeable I/O module
- Remote surveillance on mobile phone
- Import & export camera profile

**With a 340-degree pan and 100-degree tilt mechanical design, Compro IP550 Day/Night network camera allows people or objects at homes, offices, or warehouses, to be followed at all hours of the day and night.**

### High Quality Megapixel/HD Image

The camera's HD resolution allows you to view details and identify people and objects a lot more easily than on a conventional CCTV camera. The 2 Megapixel resolution allows IP550 to capture video from a wide area, effectively reducing the number of cameras required in building a reliable video surveillance network.

### Motorized Pan / Tilt

IP550 is capable of providing flexible viewing angle thanks to its mechanical PTZ design. And its maximum panning speed of 90 degrees per second is on par with that of a professional-grade PTZ camera on the market. The camera also provides 30 preset positions and a patrol mode for easier monitoring.

### Exclusive and Convenient Features

Active Bandwidth Management helps optimize image quality; email and SMS event notification can instantly alert you of any unusual events; camera viewer app for smartphone allows you to easily view and share your camera on the Internet without any router setup.

### Two-way Audio Communication

The two-way audio communication feature allows you to eavesdrop on the monitored area or broadcast your voice to intruders.

### True Day & Night Functionality for 24/7 Surveillance

IP550 offers Day/Night functionality with its mechanical IR-cut filter, 12 IR LEDs, and an ambient light sensor, all aimed at providing crystal clear images round-the-clock. The light sensor detects environmental lighting conditions. When in low-light conditions, the 12 built-in IR LEDs are automatically switched on to provide additional infrared light that help deliver clear night-time image.

### Total IP Surveillance Solution

iWizard installer turns the complicated network camera installation into a simple and fast process. WebVUer is an intuitive IE-based video management software aimed for trouble-free remote monitoring. ComproView® is a powerful feature-rich 32-channel professional grade video management software.



Camera	
<b>Image Sensor</b>	1/3" CMOS Megapixel sensor
<b>Lens</b>	<ul style="list-style-type: none"> <li>• Focal Length: 4.0 mm</li> <li>• Max Aperture Ratio: F1.5</li> <li>• Fixed iris</li> </ul>
<b>Angle of View</b>	60° horizontal
<b>Pan Range</b>	-170° ~ +170° total of 340 degree
<b>Tilt Range</b>	-10° ~ +90° total of 100 degree
<b>Max Speed</b>	Pan 90°/sec., Tilt 70°/sec.
<b>Zoom</b>	10x digital zoom
<b>Focusing Range</b>	0.5m ~ INF
<b>Minimum Illumination</b>	<ul style="list-style-type: none"> <li>• IR Mode: 0 lux with built-in IR LEDs on (12 LEDs in total; effective distance up to 10m)</li> <li>• Color Mode: 1.0 lux</li> </ul>
<b>Shutter Time</b>	1/5 ~ 1/16000 Sec.

Video	
<b>Video Compression</b>	<ul style="list-style-type: none"> <li>• H.264 (MPEG-4 Part 10)</li> <li>• Motion JPEG</li> <li>• MPEG-4 Part 2</li> </ul>
<b>Resolutions</b>	160x120, 320x240, 640x480, 1280x720, 1280x1024, 1600x1200
<b>Frame Rate</b>	<ul style="list-style-type: none"> <li>• Up to 15 FPS at 1600 x 1200 (UXGA)</li> <li>• Up to 30 FPS at some lower resolutions</li> </ul>
<b>Video Streaming</b>	Dual video stream
<b>Image Settings</b>	<ul style="list-style-type: none"> <li>• Adjustable image size and quality</li> <li>• AGC, AWB, AES</li> <li>• Configurable brightness, saturation and sharpness</li> </ul>

Audio	
<b>Audio Communication</b>	Two-way audio with built-in MIC (S/N ratio 58 dB, 50-10000hz)
<b>Audio compression</b>	G.711 PCM 64Kbit/sec
<b>Audio input / output</b>	MIC input / Audio output

Network	
<b>Security</b>	User ID / Password protection
<b>Supported Protocols</b>	TCP/IP, HTTP, UDP, FTP, ICMP, ARP, DHCP, NTP, DDNS, DynDNS, UPnP, RTP, RTSP, RTCP, SMTP, IGMP, 3GPP, IPv4, 802.1x

Firmware	
<b>Firmware</b>	<ul style="list-style-type: none"> <li>• Supports UPnP</li> <li>• Supports online firmware update</li> </ul>

Advanced Video Surveillance	
<b>ComproView®</b>	<ul style="list-style-type: none"> <li>• Multi-channel management (32-channels)</li> <li>• Fast and intuitive camera setup</li> <li>• Search and playback recordings by event types</li> <li>• Scheduled and event-based management</li> <li>• Smart motion and audio detection</li> </ul>

Web Browser	
<b>Internet Explorer (ActiveX)</b>	<ul style="list-style-type: none"> <li>• Remotely view and configure camera</li> <li>• Record video and capture snapshots on PC; download recordings from microSD card</li> <li>• Alarm and event management: FTP, I/O alarm, server notification, SMS/Email alert</li> </ul>

<b>Supported Viewing Devices</b>	<ul style="list-style-type: none"> <li>• PC, laptop, tablet, nettop, MID with IE8</li> <li>• iPhone/iPad, BlackBerry, Android, WM, PDA, or cell phones with web browser (MJPEG mode)</li> </ul>
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Mobile Surveillance	
<b>Smartphone App</b>	View H.264/MPEG-4 video on iPhone/Android phone
<b>MJPEG Mode</b>	View live image on mobile web browser
<b>3GPP Mode</b>	View live video on 3G cell phone (3GPP Streaming)


General	
<b>Operating Condition</b>	5 °C ~ 40 °C
<b>Power Supply</b>	DC 12V/2A
<b>System Requirements</b>	<ul style="list-style-type: none"> <li>• Computer with 1.7GHz processor and 512 MB memory or above</li> <li>• Supported Operating Systems: Windows XP SP3, Vista SP1, Windows 7, Mac OS X 10.6 (viewing only)</li> </ul>
<b>Package Contents</b>	<ul style="list-style-type: none"> <li>• IP550 Network Camera</li> <li>• Software CD (manual included)</li> <li>• Quick installation guide</li> <li>• Power adapter and power cable</li> <li>• Wall mounting plate</li> <li>• Network cable</li> <li>• Screws for mounting</li> <li>• Screw anchors</li> <li>• Camera pads</li> </ul>

<b>Dimensions</b>	105 x 125.5 x 128.6 mm
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### Optional Accessories


**CM500 Digital I/O Expansion Box**

- Connects with various sirens and alarms
- 15-pin connectors: input (2-pin) x3, output (3-pin) x3
- Box dimensions: 104 x 60 x 27 mm
- Connection cable length: 100 cm

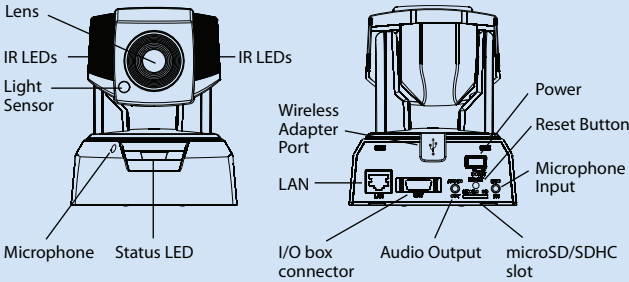


**WL150 Wireless USB Adapter 802.11 b/g/n**

- Complies with IEEE 802.11 b/g/n standards
- High data transfer rate – up to 150Mbps
- Supports 64/128-bit WEP, WPA, WPA2 function for high-level security
- Supports USB 2.0/1.1 interface



### Hardware Overview



Labels for front view: Lens, IR LEDs, Light Sensor, Microphone, Status LED.

Labels for back view: Wireless Adapter Port, LAN, I/O box connector, Audio Output, microSD/SDHC slot, Power, Reset Button, Microphone Input.