

# IP90

2 Megapixel / HD H.264 / ICR / IR LED / microSD

Day / Night Network Camera  
Securing Your Peace of Mind



- Small and smart functional design
- 2 megapixel / HD resolution
- Dual H.264, MPEG-4 or M-JPEG video stream
- True Day/Night functionality with built-in IR-cut filter and IR LED
- Two-way audio with built-in microphone and speaker
- Compatible with ONVIF standard
- Smart motion and audio detection
- microSDHC slot for storing event snapshots and recordings
- Remote surveillance on mobile phone
- Upgradeable for 802.11 b/g/n wireless LAN with USB wireless adapter

**Compro IP90 Day/Night network camera offers clear and sharp video quality in all lighting conditions. IP90 with a slew of professional surveillance features is ideal for deployment in homes, offices, shops, etc.**

### High Quality Megapixel/HD Image

The 2 megapixel/HD resolution IP90 offers lets you view details and identify people and objects at least three times better than on a conventional CCTV camera. The maximum 1600 by 1200 resolution allows IP90 to capture video from a wide area, effectively reducing the number of cameras required in building a reliable video surveillance network.

### Smart Motion and Audio Detection

IP90 can detect motion in its field of view, with configurable detection zones and sensitivity. It also supports full-duplex and bi-directional audio communication through a built-in microphone, speaker and audio in/out port, allowing you to eavesdrop on the monitored area and broadcast your voice to intruders. IP90 is also capable of triggering alarms, door lock or other I/O devices when events are detected.

### Easy Wireless Network Installation

802.11 b/g/n wireless LAN is supported with a simple and easy wireless installation process.

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

IP90 offers Day/Night functionality with its mechanical IR-cut filter, 6 IR LEDs, and a professional-class 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 6 built-in IR LEDs are automatically switched on to provide additional infrared light that help deliver clear night-time image.

### Total Surveillance Solution for Home and Business

IP90 is bundled with a wealth of applications to provide an intelligent surveillance solution, including iWizard, WebVUer, and ComproView®. iWizard is a smart installer to turn the complicated network camera installation into a simple and fast process. WebVUer is an intuitive IE-based video management software loaded with all the key features 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" progressive scan CMOS 2 megapixel
<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, IR-corrected, adjustable focus</li> </ul>
<b>Zoom</b>	10x digital zoom
<b>Angle of View</b>	60° horizontal
<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 (6 LEDs in total; effective distance up to 8m)</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 30 FPS at 1280 x 720 (720P)</li> <li>• Up to 15 FPS at 1600 x 1200 (UXGA)</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 ) and speaker (660mv)
<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>• Support UPnP</li> <li>• Support online firmware update</li> </ul>
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### 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>
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### Web Browser

<b>Internet Explorer (ActiveX)</b>	<ul style="list-style-type: none"> <li>• Remotely view and configure camera on Internet Explorer</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>
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<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 5V/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>• IP90 network camera</li> <li>• Software CD (manual included)</li> <li>• Quick installation guide</li> <li>• Power adapter</li> <li>• Ethernet cable</li> <li>• Screws for ceiling mounting</li> <li>• Screw mount</li> </ul>
<b>Dimensions</b>	84 x 124.5 x 91.5 mm (including bracket)

