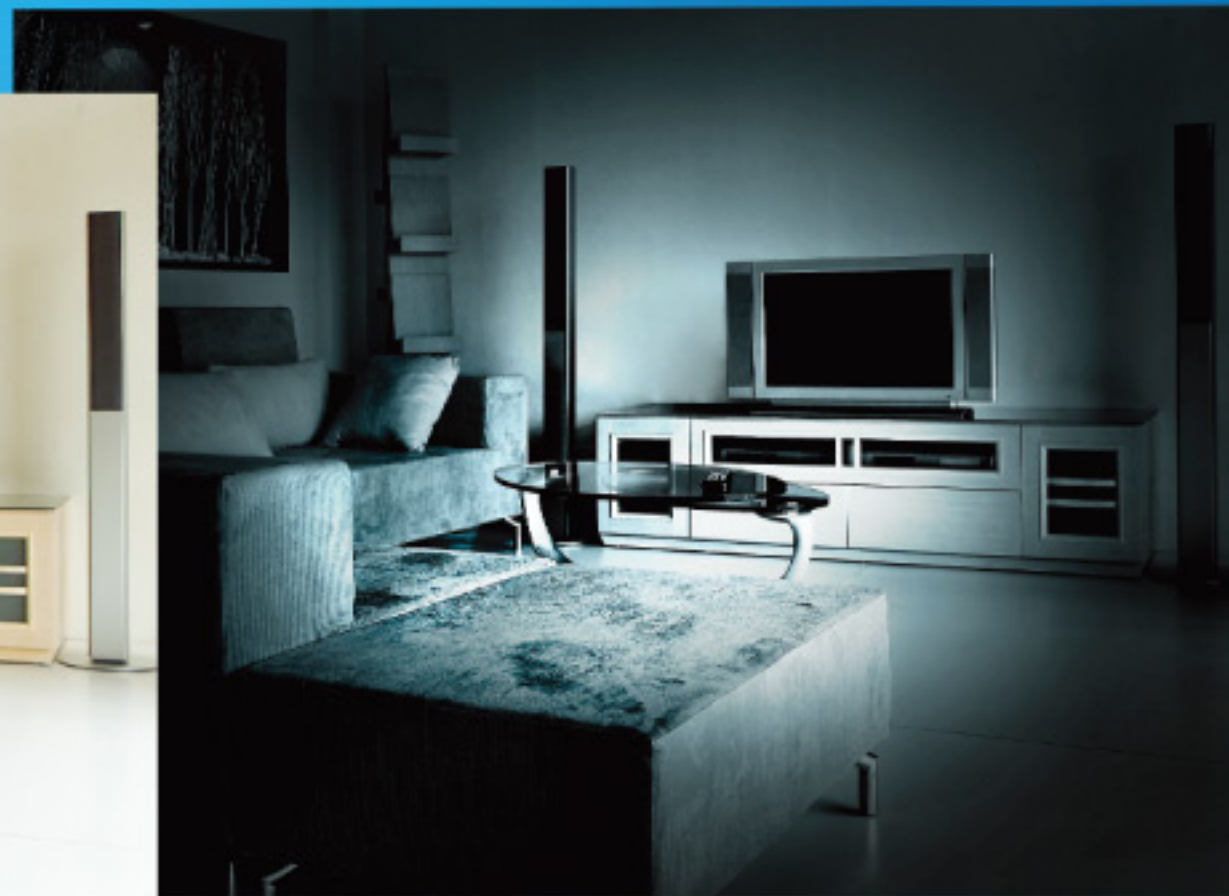**COMPRO**
TECHNOLOGY

IP70
Day & Night Megapixel/HD H.264 Network Camera

Day & Night MegaPixel/HD H.264 Network Camera

- Small and smart functional design
- 10X digital zoom
- Day & Night function, operates under all light condition
- Support H.264, MPEG-4 and MJPEG compression
- Dual video streams
- Megapixel / HD resolution
- Active Bandwidth Management
- Network Bandwidth Detection
- Support Hotmail/Gmail web-mails and SMS alarm
- Two-way audio with built-in microphone and speaker
- Video recording to local MicroSD/SDHC or remote NAS storage
- Mobile connectivity
- Upgradeable Wifi USB module to 802.11 b/g/n wireless LAN
- Intelligent video analytic features

Compro IP70 camera series offers best-in-class high quality megapixel HD image yet affordable surveillance solution, ideal for securing locations such as home, small business, hotel, shop, or restaurant

High Quality Megapixel/HD Image

Utilizing Megapixel/HD technology enables IP70 to view detail and identify people and objects at least three times better than the conventional CCTV camera. Combining with dual H.264, MPEG-4 or MJPEG streams to enable optimization of different bandwidth of networks and various image size of devices from PC to mobile phone.

Smart Video and Audio Analytic

IP70 provides two-way audio support of a build-in microphone and speaker, allowing remote listening of the area via direct voice communication or pre-recorder audio clips. It also comes with a suite of special professional grade intelligent video analytic features such as smart video detection, smart audio detection, and active scene change alarm for proactive surveillance applications.

Easy Wireless Network Installation

802.11 b/g/n wireless LAN is supported via the WL155 USB upgrade module with a simple and easy wireless installation process.

Total Surveillance Solution for Home and Business

IP70 bundles a full range of applications to provide an intelligent surveillance total solution - iWizard is a smart installer

to turn the complicated network camera installation to a simple and fast process; WebVUer is an intuitive IE based video management software includes all the key features for trouble-free monitoring home surveillance; Compro-View is a powerful feature rich 32 channels professional grade multi-camera video management solution for business surveillance.

Day & Night Support for Any Lighting Condition

IP70 features an unique design of its class integrating a professional class of light sensor IR solution for 24 hours 7 days surveillance under any lighting condition. A light sensor will turn on an array of IR LEDs to illuminate the scene automatically when the lighting condition is dark for image clarity and switch off the IR LEDs when the lighting condition turns normal.

Exclusive and Convenient Features

IP70 provide many useful features: Active Bandwidth Management and Network Bandwidth Detection allow you to get the better video in the network bandwidth limitation; support popular Hotmail/Gmail web-mails notification settings and also send SMS message to your mobile phone; support video recording to local MicroSD/SDHC card and remote NAS storage; Import & export camera settings profile for easily setup multiple camera at once.

Camera

Image Sensor	1/3" CMOS Megapixel sensor
Lens	• Focal Length: 4.0 mm • Max Aperture Ratio: F1.5 • Fixed iris
Zoom	10x digital zoom
Angle of View	60° horizontal
Focusing Range	0.5m ~ INF
Minimum Illumination	• IR Mode: 0 lux; using built-in IR light in darkness up to 10m (IR LED x6) • Color Mode: 1.0 lux
Shutter Time	1/5 ~ 1/16000 Sec.

Video

Video Compression	• H.264 (MPEG-4 Part 10) • Motion JPEG • MPEG-4 Part 2
Resolutions	160x120, 320 x 240, 640 x 480, 1280 x 1024
Frame Rate	• Up to 30 frames at 640 x 480 • Up to15 frames at 1280 x 1024
Video Streaming	Dual video streams
Image Settings	• Adjustable image size and quality • AGC, AWB, AES • Configurable brightness, saturation and sharpness

Audio

Audio Communication	Two-way audio with built-in MIC (S/N ratio 58 dB, 50-10000hz) and speaker (660mv)
Audio compression	G.711 PCM 64Kbit/sec
Audio input / output	MIC input / Audio output

Network

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

Firmware

Firmware	• Support UPnP • Support online firmware update

Software

ComproView	• Multiple channel management (32-channels) • iDDNS service for dynamic IP and desktop shortcut creation • Recording search and playback • Scheduled and event driven management • Smart Detection

Web Browser

Internet Explorer (ActiveX)	• Monitor the current condition of the monitor area via Internet Explorer • Video record and capture a still image on PC or MicroSD/SDHC card • Alarm and event management : FTP, I/O alarm, server notification and email
Supported Devices	• PC, Laptop, Nettop, MID with IE/ActiveX support. • Mobile phone, iPhone/iPad, BlackBerry, Android, WM, PDA support in MJPEG mode.

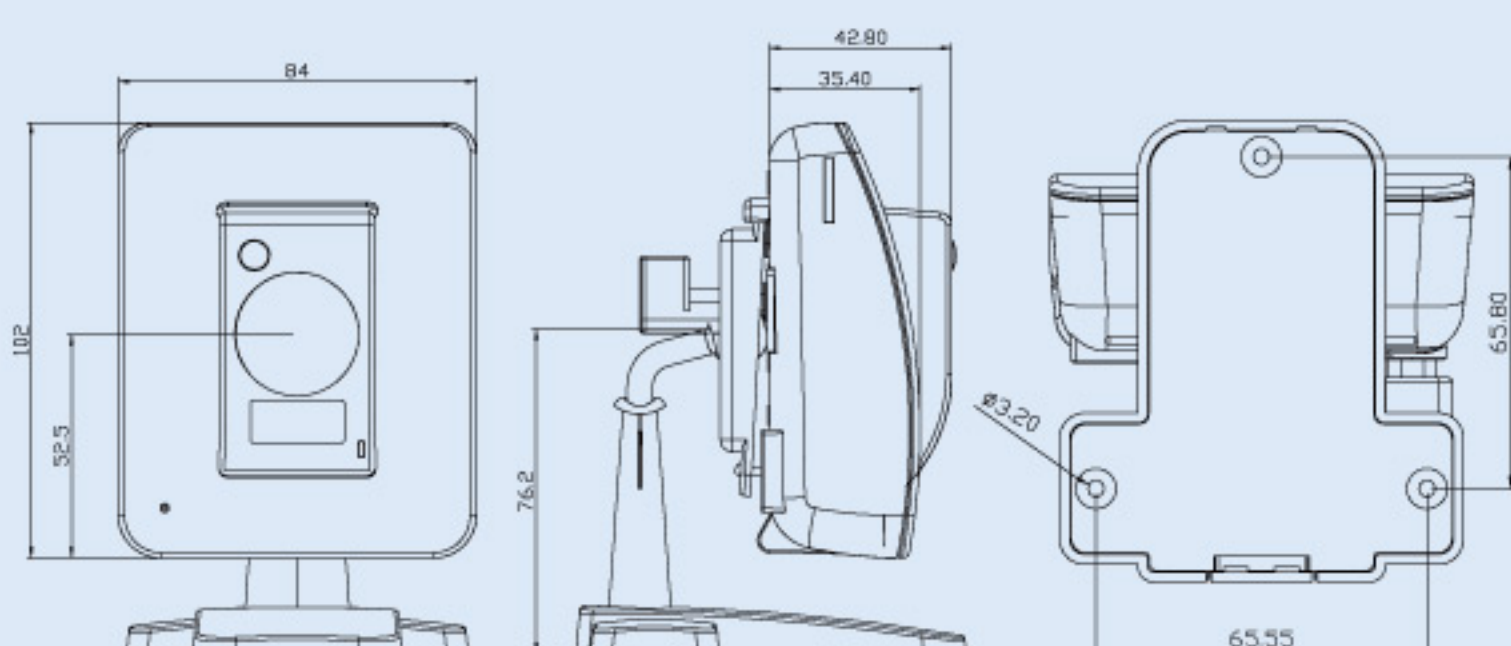## Mobile Phone

MJPEG Mode	Viewing of camera image via phone browsers
3GPP Mode	Viewing of camera image via 3G phones (3GPP Streaming)

General

Operating Condition	5 °C ~ 40 °C
Power Supply	DC 5V/2A
System Requirements	• Computer with 1.7GHz processor and 512 MB memory or above • Supported Operating Systems: Windows XP SP3, Vista SP1, Windows 7
Included Accessories	• IP70 Network Camera • Software CD (Manual included) • Start up Guide • Power adaptor • Network cable • Screws for ceiling mounting • Screw mount
Dimensions	84 x 124.5 x 91.5 mm (including bracket)

Dimensions

Optional Accessory

WL155
Wireless USB Adaptor 802.11 b/g/n

• Complies with IEEE 802.11n, IEEE 802.11g, and IEEE 802.11b standards.

• High transfer data rate – up to 150Mbps.

• Supports 64/128-bit WEP, WPA, WPA2 functions for high level of security.

• Supports USB 2.0/1.1 interface.

• Portable and mini-size design.

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