

# Infrared CCTV cameras

## 23X Motorized optical zoom

- Ethernet TCP/IP (RJ-45) and analog connection (BNC)
- Infrared for day and night vision up to 100 meters
- IP66 - weatherproof resistant - Outdoor and Indoor use



Model : CAR-P1031HTIP

## CHARACTERISTICS

The CCTV camera model CAR-P1031HTIP from Comet Labs cumulates the advantages of several technologies :

**Double cabling system :** The BNC analog port is enabling a direct connection to a video monitor or to digital video recorder. The RJ-45 port is linking the video camera to your Ethernet network; you can access it directly from your favorite browser (Internet Explorer 5.5 or later version recommended). The video camera is integrating a web server and can authenticate your ADSL line; you can connect it to an ADSL Modem without any need of a router.

The 230X zoom (23X motorized optical zoom and the 10X Digital zoom) are manageable via the web interface and via the RS-232 port (PTZ link). Using a video control keyboard, you can also manage this CCTV camera.

A night vision up to 100 meters with infra-red LEDs coupled with a patented optical lens to insure a uniform light all over the image. This patented technology permits to reduce the number of infra-red LEDs avoiding the usual overheating and cooling problem inside the housing.

Compliant with IP66 weatherproof standard, the camera can be installed Indoor or Outdoor. The housing is closed avoiding humidity problems.

This CCTV cameras is delivered with a DVR software for Windows© which can manage up to 16 video cameras simultaneously. You can create you own network DVR on a PC computer.

Equipped with a motion detector area system, you can automatically start video or pictures recording or thru e-mail sending. The video files and the pictures files can also be stored directly on a device (PC, FTP server, ...) connected into your LAN.

Powered by a 12 Volts DC external power adapter, these cameras are safe against vandalism: the power source will not be interrupted by a short circuit and the other cameras will continue to work. A Power-over-Ethernet adapter is available in option.

## MAIN FEATURES

- Double connection:
  - Analog: with the BNC port can be linked to a video monitor or a DVR.
  - Digital: with an RJ-45 port for Ethernet and Internet access using a web browser.
- 230X Zoom manageable via IP or RS-232C.
- Motion detection area system to start recording or snapshots only on events.
- Delivered with Digital Video Recording software which can manage up to 16 cameras.
- Infrared patent pending technology for day & Night vision with a clear view of the entire area up to 100 meters.
- protected and closed housing with tempered glass for protection against vandalism and humidity.
- IP66 - Weatherproof compliant.
- 1/4" SONY Super HAD CCD - 460 VTL
- Delivered with its power adapter and its wall mounting kit.

# Infrared CCTV camera with 230X zoom



Models : CAR-P1031HTIP

## SPECIFICATIONS

### PHYSICAL CHARACTERISTICS

Connections and ports :

- One Ethernet port 10/100 Mbps (RJ-45)
- One BNC connector for analog video link and a cable for PTZ link (RS-232)
- One female jack connector for 12 Volts DC power

CCD Super HAD 1/4" SONY EX-VIEW - SONY DSP

Sensitivity 0.02 Lux, 0 Lux in IR mode - 460 VTL

PAL System : 625 lines 2:1 interlaced - NTSC: 525 lines 2:1 interlaced

Electronic shutter : PAL: 1/50 to 1/100,000 - Lens F1.6~3.8, f =3.6~82.8 mm

Auto BLC, Gain Control AGC with automatic white balance ATW 2500-9500°K

Signal Noise ratio : More than 50dB - Video Composite output 1.0 Vp-p at 75 ohms

Zoom 230X (23X optical, 10X Digital) - 4.2 seconds

OSD menu (via 4 buttons on the video camera) - 64 positions Zoom/focus

IP resolutions : 704x576, 640x480, 352x288, 320x240, 176x144 pixels

Compression mode : JPEG, Motion JPEG - 3 levels

Number of images : up to 25 frames/sec. (PAL), up to 30 frames/sec. (NTSC)

Users and administrator rights management , motion detection

Night vision : 12 infrared high-light LED with uniform light diffusion patented lens

View angle : 80° to 180° - IR wavelength : 850nm

IR Maximum coverage : up to 100 meters (based on visual objects reflection)

IR controlled management in less than 10 Lux light - Auto switch in B/W mode

Dimensions : Diameter 125 mm x 320 mm

Weight (Net/Brut) : 2.8 kg / 3.5 kg

### ENVIRONMENTAL CHARACTERISTICS

Voltage : 12 Volts DC - 1 Amp - (Delivered with an external power adapter)

Consumption : 100 mA (Day mode) and 650 mA (Infrared active)

Maximum Altitude : 2.800 meters (9,000 feet)

Temperature

in use : -20° to 50°C / 32° to 104°F (80% relative humidity)

in storage : -30° to 60°C / -4° to 140°F (80% relative humidity)

Relative Humidity : 0% to 95% (non condensing)

Metal housing - weatherproof - IP66 compliant

### PROTOCOLS SUPPORTED AND INCLUDED TECHNOLOGIES

Protocols : HTTP, SMTP, FTP, NTP, DNS, DDNS, ARP, DHCP and PPPoE

### CONFORMITY WITH STANDARDS

Electromagnet. : CE

Network : IEEE 802.3 (Ethernet) and IEEE 802.3u 100BaseTX

## AVAILABLE MODELS

**CAR-P1031HTIP** TCP/IP and analog CCTV camera - 230X zoom delivered with power adapter and wall mount kit.

**POE-SPLIT** Power-over-Ethernet splitter - 12 Watts

## PRODUCTS RANGE

- Gigabit and Fast Ethernet network cards
- Twisted pairs and optical fibre adapters
- Gigabit and Fast Ethernet switches
- Intelligent and manageable switches
- Rack mount / compact and silent
- Power over Ethernet switches (PoE)
- Backbone switches - Level 2, 3 and 4
- SNMP agent and web management
- Network storage, NAS
- Biometric and secured storage
- Transport and data security devices
- Internet sharing devices
- High-speed broadband Internet routers
- ADSL/ADSL2+ routers and modems
- Firewalls & network security equipments
- Local network routers
- VPN Servers and access devices
- Remote access servers
- Wireless cards and adapters
- Antennas and wireless extensions
- Wireless routers and access points
- USB 2.0 & Firewire hubs and interfaces
- 2, 4 and 8-port KVM switches
- Powerline and PowerPlug devices
- Media converters and transceivers
- Multimedia sharing equipments
- Audio and video streaming

## SERVICES

- Warranty extension
- On-site assistance
- Local technical support
- European maintenance service
- Priority access contract for support



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