



4" Outdoor IP PTZ Dome

Clairvoyant 1063(W)



Description

Among all network video solutions, Clairvoyant1063 is the most cost efficient, especially suitable for all broadband users. Clairvoyant1063W comes with Wi-Fi and RJ-45 port, support DHCP, PPPoE ADSL dial-up and DDNS client.

Clairvoyant1063 is an economical model of advanced IP camera device. It comes with many high quality features, yet cost is relevantly low. Clairvoyant1063 works standalone with broadband connection allows remotely viewing of images by web browsers (**IE, Firefox, Safari, Chrome**) anywhere, any time.

Just like any network device, with its own IP address, Clairvoyant1063(W) connects directly to a standard network switch or wireless AP. This enables





viewing real time digital video over the LAN or Internet from all over the world.

Clairvoyant1063 uses existing Network (IP) technology. In a case of surveillance project, using existing IP network infrastructure combining with Clairvoyant1063, extra costs related to traditional installation and deployment of analog CCTV surveillance systems (such as coaxial cables, monitors and video recorders) can be eliminated, being digital, the problem of loss of resolution with cable length doesn't exist.

Clairvoyant1063 is designed around a powerful camera platform. A genius embedded WEB server and real-time operating system with Standalone Motion Detection **scheduled alarming** guarantee 24/7 operation in the most demanding of environments.

Feature Highlights

- A least cost solution for remote monitoring;
- **PAN 355° , TILT 90° , 4X optical zoom (3.7 - 14.8mm)**
- A wide dynamic range image sensor;
- **IR cut lens, auto switch off IR filter at dark**
- Duplex two-way audio with talk-back;
- An inbuilt WEB server and **standalone motion detection with scheduler**;
- JPEG and MJPEG video compression; duplex audio (talk-back);
- Access by browser (**IE, Firefox, Safari, Chrome**), **VIDEOLAN vlc, MPlayer**
- View/ control up to 4 cameras image on IE screen;
- **JAVA client that View/ control PAN/ TILT, alarm on/off on mobile phones**
- Recording on IE screen, playback by media player;
- Simultaneous Multiple Accesses from remote, LAN or Internet;
- Additional security is provided through password protections for the camera;
- **Standalone motion detection** and alarm input **with scheduler** to trigger snapshots or external alarming devices (siren, light, etc.);
- Email snapshots enable sending alarm notifications to assigned e-mail boxes;
- Send snapshots to FTP server (**-5 secs ~ 55 secs, one frame per sec**);
- Easy IP camera tool & quick install guide are included in product CD;
- PPPoE & DHCP accompany with DDNS service;
- Connect to ADSL/Cable Modem or NAT router;





- Free DVR software monitoring/video recording 64 cameras is bundled with camera;
- **IEEE 802.11g/b** 2.4GHz Wi-Fi with WEP 64/128 bits & **WPA, WPA2** protection.

Market Applications

Due to the benefits of our low costs strategy, new business applications can be implemented and integrated with Clairvoyant1063, such as:

- ISP promotional bundles
- VoIP telephone tie-in to be video phone
- Live video embedded into homepages, online advertisement
- Remote Control / Vehicles Control / Chain stores Control / Advertising / Traffics Alerts
- Baby and elderly tending
- Private Security/ Caring



Technical Data

Image System

- Video Compression: Motion JPEG
- Audio Compression: ADPCM
- 420TVL Semi-CCD sensor (S/N> 50dB, Dynamic Range > 60dB)
- f: 3.7 ~ 14.8 mm **4X Sync-Focus motorized zoom Lens**
- Aperture: F 1.6
- **Lens : IR cut**
- Min. 0.1 Lux
- Automatic Exposure Control
- Automatic Gain Control
- Automatic Brightness Control
- Automatic White Balance
- Flicker Avoidance (Flicker less)
- Resolution:
 - QVGA (320 x 240)
 - VGA (640 x 480)
- Image Frame Rate:





Max. 30 fps at QVGA resolution, average 3~4 Mbps/sec

Max. 30 fps at VGA resolution, average 4~6 Mbps/sec

Mechanical

- PAN : 355°
- TILT : 90°
- Preset : 8 (optional)
- Speed : Adjustable 6° , 12° , 18° , 25°/sec

I/O Interface

- CAT5, RJ-45 x1 (802.3)
- **Microphone input, earphone output**
- **IEEE 802.11g/b Wi-Fi with WEP, WPA, WPA2 (C1063W)**
- Alarm in (NO), Alarm out (NO ; 1A 24VDC/ 0.5A 125VAC) (Optional)



Network Protocols

- TCP/IP, HTTP, ARP, ICMP, PPPoE, DHCP, SMTP, DDNS, FTP Client, UPnP

Client

- IE6 or later,
- **Firefox**
- **Safari**
- **Chrome**
- **Free JAVA client software for mobile phones (support MIDP 2.0 JVM)**

Antenna (C1063W)

- 5dBi @2.4GHz omni, Optional directional available
- Detachable RSMA
- IPEX1.13

Mechanical & Environment

- Dimensions (mm):
Ø : 110 (dome),
mount length: 191
- Weight (g): 950
- Power Requirement: 5 V / 0.6A ;
5 V / 0.9A (C1063W)
- Operation Temp: -10 °C to 50 °C (14 °F to 122 °F)
- Humidity: Rh10 % to 90 %



