# AirCam OD-600HD

## H.264 1.3 MegaPixel PTZ Vandal Proof Dome

**T**he AirLive AirCam OD-600HD is a high-end 1.3 MegaPixel network camera designed for professional outdoor surveillance and security applications. MegaPixel (MP) IP cameras offer improvements in image quality compared to conventional surveillance cameras. The possibility to view live video streaming from AirLive IP Cameras over the Internet is only one of the benefits. AirLive AirCam OD-600HD is designed to offer high-performance surveillance and is equipped with PoE port, allowing power and data to be transmitted via a single Ethernet cable This provides an easier installation, lower cabling costs and allows placement of AirLive PoE cameras in locations without access to electrical source.

## H.264 Compression

H.264 is a high performing video compression standard that boasts a much higher compression ratio than MJPEG or MPEG-4, drastically reducing file sizes and conserving valuable network bandwidth and storage space. With up to 90% reduction in file size, an 1 MB image can be drastically reduced to as low as 10KB using H.264.



## 1.3 Mega-Pixel Video Quality

AirLive AirCam OD-600HD offer high quality image at maximum 1280x1024 resolution. One of the most compelling advantages of MegaPixel surveillance systems is their ability to capture more details in a frame and at the same time not missing any finer details that are useful for license plate identification and human recognition.

\* Red box is standard 640X480 image resolution. The AirCam OD-600HD offer 4 times bigger image size compare to VGA camera.

## Vandal Proof Housing with IP65 Waterproof Resistance

AirLive AirCam OD-600HD is an IP65 rated weather proof IP camera designed for 24hr indoor/outdoor surveillance under the harshest conditions. AirCam OD-600HD toughened glass and vandal proof housing provides protection against the intrusion of burglar, dust, accidental contact, and water.
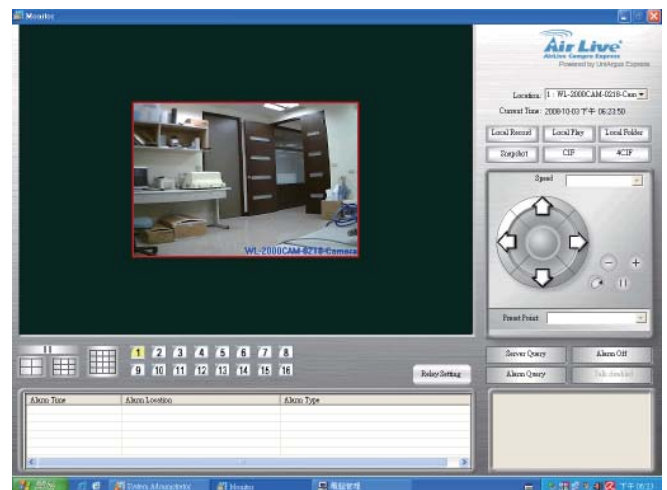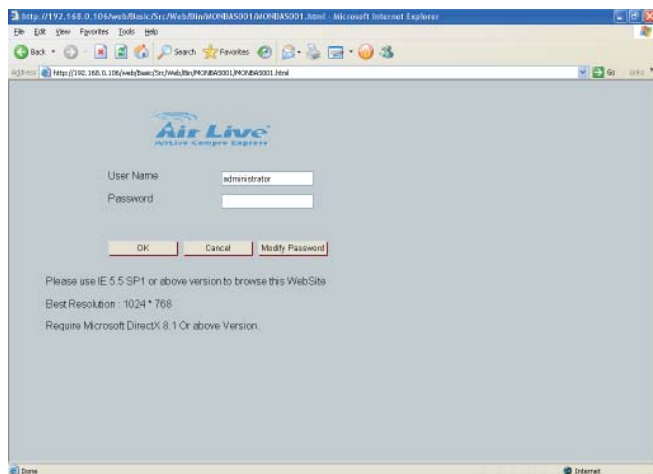
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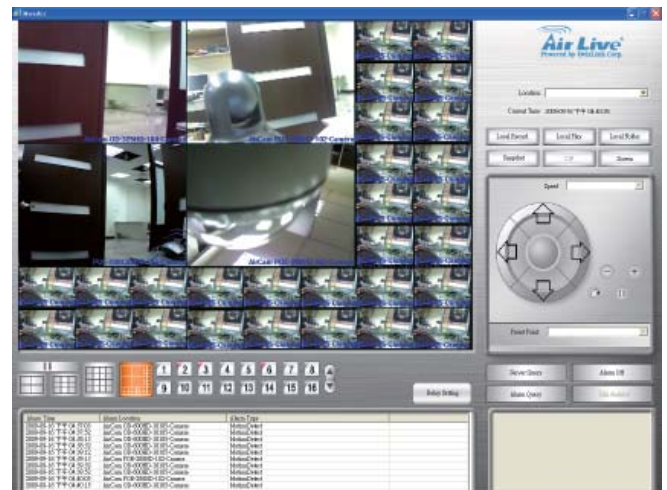
## Pan and Tile Function

The AirCam OD-600HD is an advanced PoE IP camera with Pan and Tilt function. You can set a particular patrol area; it will then move its lens in both horizontal and vertical direction continuously to scan the area. Or you can remote control the camera to look in the desirable direction. Furthermore AirCam OD-600HD offer zoom function which enable you to observe even the finest details. It also offers many important features such as PoE and digital input and output for external alarm & sensor.

## AirLive CamProExpress

The AirLive CamPro Express supports up to 32 cameras, providing a fully integrated surveillance and alarm management solution. The AirLive CamPro Express is available as a freeware for you to do the centre monitor.

## Web Monitor

The CamPro Express allows you to monitor 32 channels via the computer and WEB UI. You can choose how you would like to view the camera, the Cam Pro Express supports 1/4/9/16/32 different view. You can also choose to view the different camera in single view or 1/4/9/16/32 view.

## Specifications

### Hardware

**Image Device**
- 1.3 MegaPixel image sensor

**Effective Pixels**
- 1280 x 1024 pixels

**Sensitivity**
- 1.0V/lux-sec (550nm)

**Signal to Noise**
- 44dB

**Lens**
- f:4.3mm / F:1.8

### Pan & Tilt

**Pan Degree**
- 355°

**Tilt Degree**
-10~90°

**Manual Pan Degree**
- 180°/ second (max)

**Manual Tilt Degree**
- 120 °/ second (max)

**Preset Points**
- 128 preset points (maximum)

**Camera Tour**
- 16 tours

### IP Module

#### Video

**Video Encoder**
- H.264, MPEG4 and Motion JPEG simultaneously (Tri-encoders)

**Video Profile**
- 11 profiles simultaneously
- H.264  SXGA/ VGA / QVGA / QQVGA
- MPEG4 VGA / QVGA / QQVGA
- M-JPEG SXGA/ VGA / QVGA / QQVGA

**Frame Rate**
- Mega-pixel mode: Up to 15fps for all 11 profiles
- VGA mode: Up to 30fps for all 9 profiles

**Image Setting**
- De-noise
- Brightness, sharpness, contrast text, time and date overlay

**Streaming**
- Simultaneously multi-profile streaming
- Streaming over UDP, TCP, or HTTP
- Multicast streaming
- M-JPEG streaming over HTTP
- Supports 3GPP mobile surveillance
- Controllable frame rate and bandwidth
- Constant and variable bit rate (MPEG4 / H.264)

### Audio

**Audio Encoder**
- RTSP: G.711 64kbps, G.726 32kbps
- 3GPP: AMR

**Audio Streaming**
- One-way or two-way

**Microphone**
- External microphone

**Audio Output**
- Line level out

### Network

**Supported Protocols**
- TCP, UDP, HTTP, SMTP, FTP, NTP, DNS,

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DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, IGMP, SAMBA

**Security**
- Password protection, IP address filtering, user access log

**Users**
- 20 simultaneous unicast users
- Unlimited users using multicast

**Ethernet**
- 10/100M auto negotiation

## System Integration
**Application Programming Interface**
- Open API for software integration
- SDK

**Alarm Triggers**
- Intelligent video motion detection and external input

**Motion Detection**
- 10-zone video motion detection

**Alarm Events**
- File upload via FTP, SAMBA or emailNotification via email, HTTP, and TCP
- External output activation
- Go to PTZ preset position
- Audio alerting output

**Video Buffer**
- Pre- and post- alarm buffering

## General
**RAM**
- 128MB

**ROM**
- 8MB

**Power Supply**
- 12V DC external power adapter

**PoE**
- IEEE 802.3af (for wired model only)

**Power Consumption**
- 5W max

**Connectors**
- RJ-45 10BaseT/100BaseTX
- DC jack
- Audio in/out
- 1 alarm input and 1 output

**Indication LED**
- Two LEDs on the LAN socket

**Protection Class**
- Vandal, Indoor use

**Operating Temperature**
- 0°C to 40°C (32°F to 104°F)

**Operating Humidity**
- 20% ~ 80% (non-condensing)

## Viewing System
**OS**
- Windows® XP, Vista

**Browser**
- IE 6.0 or latter / Firefox 2.0 or later

**Cell Phone**
- With 3GPP player

**Video Player**
- VLC, Quick Time, Real Player

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## Software

**Search & Installation**
- IPWizard II

**Bundled NVR Program**
- CamPro express 32 Channels Surveillance
  System

### Ordering Information:

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