PoE-100HD-ICR

PoE DC Iris MegaPixel IP Camera with ICR

PoE-100HD-ICR is a MegaPixel degree box type IP camera. It equipped with IR-CUT Removable (ICR), and hence can be used in both day and night environment. With the 1.3 MegaPixel CMOS sensor, PoE-100HD-ICR can provide image resolution up to 1280 x 1024, and gives the user a clearer and more detailed live video for monitoring. Adopting H.264 as one of its video compression method, PoE-100HD-ICR supplies an efficient way to save the network bandwidth and storage space. PoE-100HD-ICR also supports DC IRIS and C/CS mount lens, and hence extends its usage in most locations, such as lobbies, stores, parking lots or even street corner. PoE-100HD-ICR is the best choose for small to large IP surveillance system.
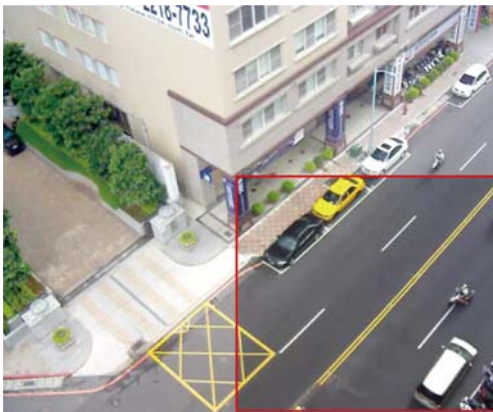
H.264 Compression

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.

IR-CUT Removable (ICR)

IR-CUT Removable is a gear which will adjust the IR filter on POE-100HD-ICR for adapting the light condition in the environment. With additional IR LED spot light, POE-100HD-ICR can be use in a low-light environment.
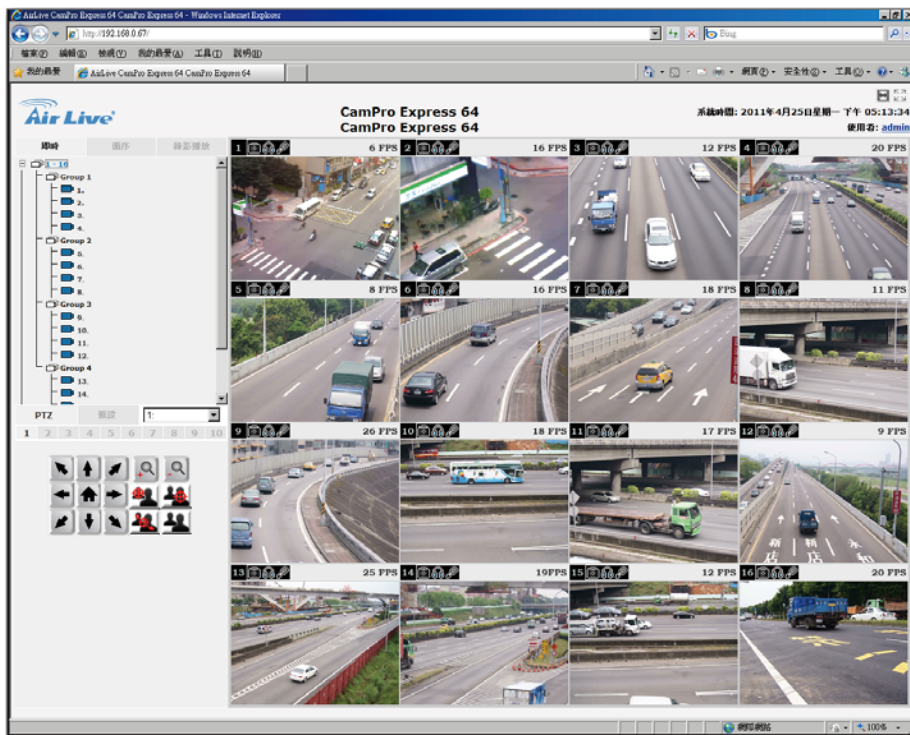
1.3 Mega-Pixel Video Quality

AirLive PoE-100HD-ICR 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 PoE-100HD-ICR offer 4 times bigger image size compare to VGA camera.

Professional Surveillance Software Supported

POE-100HD-ICR also supports CamPro Express, the bundle surveillance software that lets user to view and record multiple live images at the same time. Using several POE-100HD-ICR s with CamPro Express, user can easily build up a surveillance system at different environment. Moreover, POE-100HD-ICR also supports CamPro Professional, which is AirLive's intelligent video surveillance recording software. It is designed to meet most demands for professional installations. With its video analysis functions, such as tempering detection, user can build up a stable and efficient surveillance system.

Live Video   *System Info*

Camera Status

P/T Control Panel

System Log   *System Buttons*

Web Monitor

The CamPro Express allows you to monitor 64 channels via the computer and WEB UI. You can also choose to view the different camera in single view or 1/4/9/16/32/64 view.

APPS for Android and iOS

AirLive has worked with IPCAM Viewer developer to add support for AirLive IPCAM. So you can view multiple AirLive cameras using Android device, iPhone, or iPad. For more information about Android or iOS apps, please visit the FAQ page.

Specifications

Hardware

Image Device
- 1.3 Mega-pixel image sensor

Effective Pixels
- 1280 x 1024 pixels

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

Signal to Noise
- 44dB

Lens
- F:1.8 ; f:4.3mm, C/CS mount (optional)

IRIS Control
- DC IRIS

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
- Built-in microphone

Audio Output
- Line level out

Network

Supported Protocols
- TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, Samba

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

Users
- 20 simultaneous unicast users
- Unlimited users using multicast

Ethernet
- 10/100M auto negotiation

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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 or email
- File upload to NAS via Samba protocol
- Notification 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

Power Consumption
- 4W max

Connectors
- RJ-45 10BaseT/100BaseTX
- DC jack
- 1 alarm input and 1 output
- Audio in/out
- RS485
- Audio out
- DC IRIS

Indication LED
- Two LEDs

Protection Class
- Indoor use

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

Software

Search & Installation
- IPWizard-2

Bundled Program
- Cam Pro express 32 Channels Surveillance System

Ordering Information:

AirLive PoE-100HD-ICR   PoE DC Iris MegaPixel IP Camera with ICR

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