

MD-720

720P Wide Angle PoE Mini Dome IP Camera

- Miniature Size Dome: 60.6 x 99 (φ)mm
- 720P (1280x800) Megapixel Resolution at 30FPS
- 2.8mm Wide Angle Lens
- Low Lux Sensor
- Clear Motion Technology for Moving Objects
- WDR Enhanced
- 802.3af PoE Port
- Adjustable Lens Angle
- Micro SD Card for Local Storage
- Built-in MIC, Audio Port, DIDO
- Support H.264, MPEG-4, Motion JPEG Streams
- Free 64-Channel Recording Software and ONVIF Support

AirLive MD-720 IP Camera is the latest indoor Mini Dome camera from AirLive. It combines 720P HD video, wide angle lens, power over Ethernet, and excellent image quality into one compact size

Mini Compact Size and 802.3af PoE

AirLive MD-720 is a mini-dome camera that mounts on the ceiling. It measure only 99mm in diameter and 60.6mm height. It is only about the half size of a standard dome camera and makes it suitable for elevators, office, shops, home, and public areas, and even on public transportations. The camera has 802.3af PoE port so you can install the device away from the power source.

720P Resolution and Micro SD Card Recording

AirLive MD-720 provides 720P High Definition resolution at 30 frames per second. That's means crisp and smooth video with full details.

Ultra Wide Lens and Adjustable Viewing Angle

AirLive MD-720 has 2.8mm (f/2.0) ultra wide angle lens that provides up to 81 degree horizontal wide angle view. While most mini dome cameras' lens angle can not be adjusted due to small size, the MD-720's lens can be adjusted manually so you can change the view after installation.

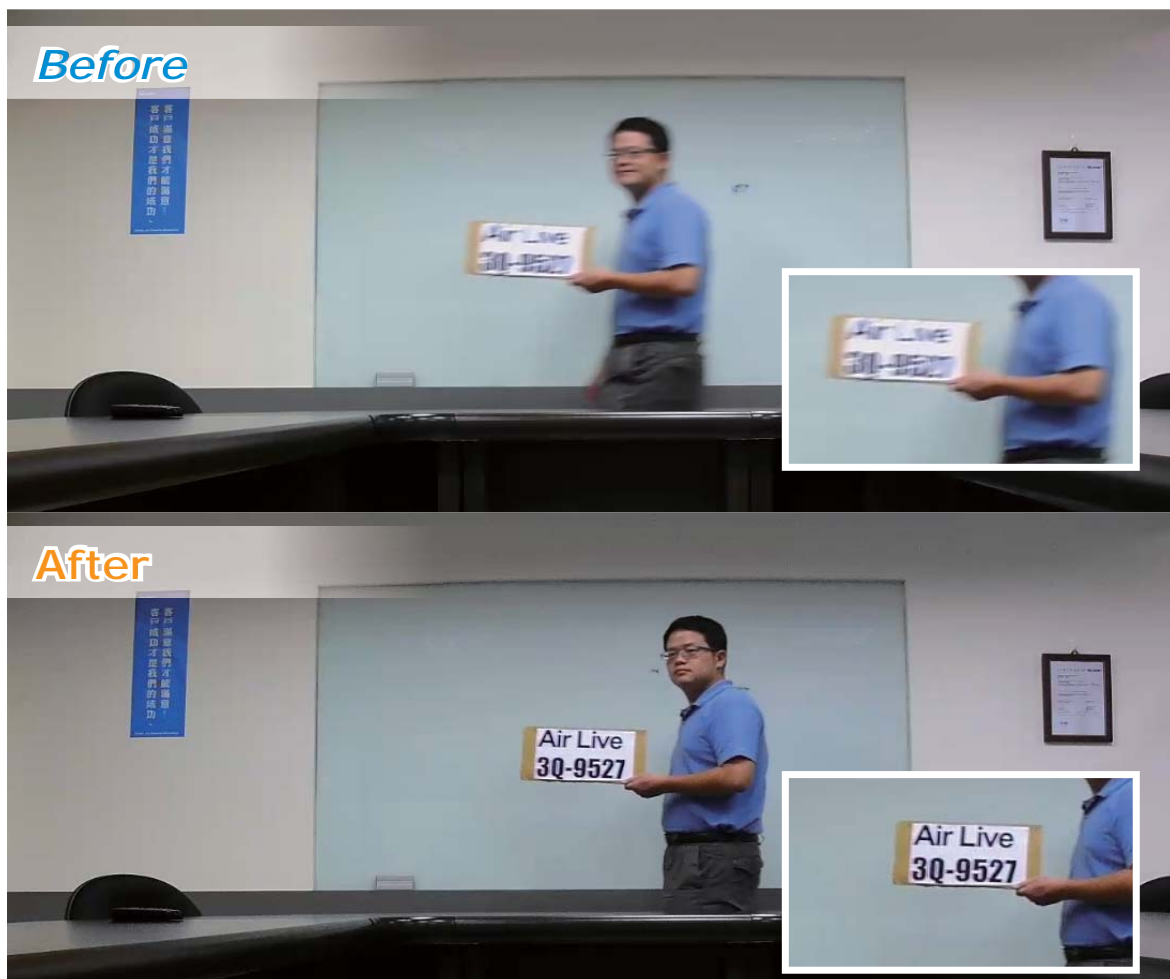


Two-Way audio and DIDO

With two-way audio feature, you have the ability to watch, hear and response remotely. Real-time over the Internet communication by simply using the Standard Microsoft IE browser. In order to speak all you need is microphone and speaker at local and speaker only at the remote viewing location. It also support with DIDO for external sensor and alarm.

Low Lux Sensor and Clear Motion Technology

The MD-720 provides bright and vivid colorful image due to its high quality low lux sensor. Its sensor is sensitive to light down to 0.2 Lux. But even the most beautiful image will be useless if it is not able to catch the details of moving objects. AirLive has developed the Clear Motion Technology to minimize the motion blur caused by moving objects. So you can have the details where you need it.



Support WDR

When strong back light is surrounding a subject, camera with wide dynamic range technology can adjust the intense backlight and dark area to balance the whole screen; therefore, user can recognize the details in the bright and dark area.



64-Channel Recording Software and IP Wizard

The surveillance software CamPro Express 64 lets user to view and record multiple live images at the same time. Using several supported Camara with CamPro Express 64, user can easily build up a surveillance system at different environment. Moreover, MD-720 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 tampering detection, user can build up a stable and efficient surveillance system.



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.

*This device can only be powered through PoE. Optional PoE kit or PoE switch is required.

Specifications

Camera

Camera Type

- Indoor Dome Type

Max Resolution

- 1280X800

Image Sensor

- 1/4" Mega Pixel Color CMOS Sensor

Sensor Resolution

- 1280X800

Lens Type

- Board Lens
- 2.8mm, F2.0

Minimum Illumination

- 0.2 Lux (color)

Viewing Angle

- 81° (H)50° (V)

Pan/Tilt Control

- E-PTZ

Lens Adjustment

- 0~± 172°(H)
- 0~79°(V)

Video

Video Compression

- H.264 / MPEG4 / MJPEG

Video Profile

- 10

Resolution and Frame Rate

- 30 fps @ 1280 X 800
- 30 fps @ 1280 X 720
- 30 fps @ 640 x 480
- 30 fps @ 320 X 240
- 30fps @ 160 X 120

Streaming

- Multi-profile streaming
- Streaming over UDP, TCP, or HTTP
- M-JPEG streaming over HTTP (for non IE browser)
- 3GPP mobile view
- Configurable frame rate and bandwidth
- Support both CBR and VBR

Image Processing

- AE, AWB
- Noise reduction
- Color, brightness, sharpness, contrast, Hue
- Mirror/Flip
- Privacy Masks
- Text, time and date OSD

Digital Zoom

- 10x

Audio

Audio Encoder

- G.711 μ law, a law, AMR

Audio Streaming

- Two-way

Audio Input/Output

- 1 Line in, 1 Line out

Network

Ethernet

- One RJ45 Port; IEEE 802.3u Compliant 10/100 Mbps Fast Ethernet with Auto-MDIX

PoE

- IEEE802.3af

Supported Protocols

- TCP/ IP, DHCP, PPPoE, ARP, ICMP, FTP,SMTP, DNS, NTP, UPnP, Bonjour, RTSP, RTP, HTTP, TCP,UDP,3GPP/ ISMA RTSP

Security

- Password protection
- IP filter
- HTTPS

Users

- Up to 10 simultaneous users

LED and Button

Power LED

- Amber Color

Link/Act. LED

- Green Color

Reset Button

- Reboot and Factory Default (Push and Hold Over 5 Sec)

General

Network Processor

- DSP Base

System ROM

- 16 MByte NAND Flash

System RAM

- 128Mbyte DDR SDRAM

Power Consumption

- 8 Watts Max.

Connector

- RJ-45 10BaseT/100BaseTX
- Reset button

Environment

- Operation: Temp: 0°C ~ 50°C Humidity: 20% ~ 85% non-condensing
- Storage: Temp: -15°C ~ 60°C Humidity: 0% ~ 90% non-condensing

SD card slot

- Micro SD

Dimension

- HxWxD: 60.6 x 99 x 99 (φ)mm

System Integration

Software

- CamPro Express 64, CamPro Professional
- Search & Installation-IP Wizard II

Event Triggers

- Motion detection
- External input via DI interface

Motion Detection

- 10

Event handler

- FTP or NAS file upload
- E-mail alert
- HTTP, and TCP notification
- DO (digital output) alarm

UPNP

- Yes

Application Programming Interface

- ONVIF
- Open API for software integration
- SDK

Video Buffer

- Pre- and post- alarm buffering

Alarm Triggers

- Intelligent video motion detection and external input

Alarm Events

- File upload via FTP or email
- Notification via email, HTTP
- External output activation
- Save to SD card
- Network storage

Continuous recording

- Yes

Viewing System

OS

- Windows® XP, Vista, 7

Browser

- IE 6.0 or later, Firefox 2.0 or later, Safari

Cell Phone

- With 3GPP player

Video Player

- VLC, Quick Time, Real Player, Core Player

Ordering Information:

AirLive MD-720

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