

## BU-720

### 720P Outdoor IR Night Vision IPCAM

- 30FPS at 1280x720
- 802.3af PoE Port
- 25Meter IR LED with Adjustable Brightness
- 4mm Wide Angle Lens
- Low Lux Sensor for Ultra Bright Images
- Micro SD Card Slot for Local Storage
- WDR Enhanced
- IP-66 Weatherproof and Cable through Housing
- Free 64-Channel Recording Software



**A**irlive BU-720 infrared IP bullet camera is a ready-to-use, robust network camera. This camera brings AirLive's high-performance technology into the realm of small office and retail businesses by offering a cost-effective solution for a broad range of applications. The robust aluminum camera body is IP66 rated, offering water and dust proofing for demanding environments. The built-in IR LEDs provides high quality of night time monitoring with 25 m viewing distance in darkness. Moreover, with its full blown network functions, such as H.264 video streaming, Power over Ethernet, and ONVIF, the BU-720 can be easily installed and integrated into kinds of surveillance project.

### IR LED and IR-CUT Removable (ICR)

AirLive BU-720 is designed for 24hr indoor/outdoor surveillance even in the harshest conditions. AirLive BU-720 is equipped with Mega Pixel Color CMOS Sensor with infrared LEDs in up to 25m working distance. The auto-changeable IR filter also provides superior day/night performance.

### 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, a 1MB image can be drastically reduced to as low as 10KB using H.264.

### Micro SD Card Recording and 802.3af PoE

Memory card provides local storage function for saving image files to the specified SD card in your camera. This function can be enabled only when you insert the well-operative Micro SD/SDHC card to the camera. The camera has 802.3af PoE port so you can install it away from the power source.

Manufacturer

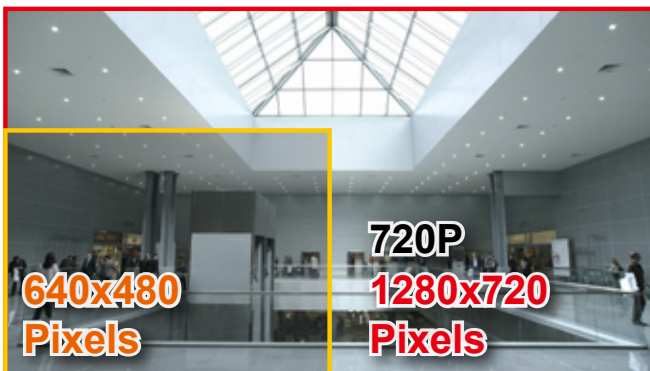
**OvisLink Corp.**

5F, No.96, Min- Chuan Rd., Hsin- Tien Dist., New Taipei City 231, TAIWAN

[www.airlive.com](http://www.airlive.com)

## 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.



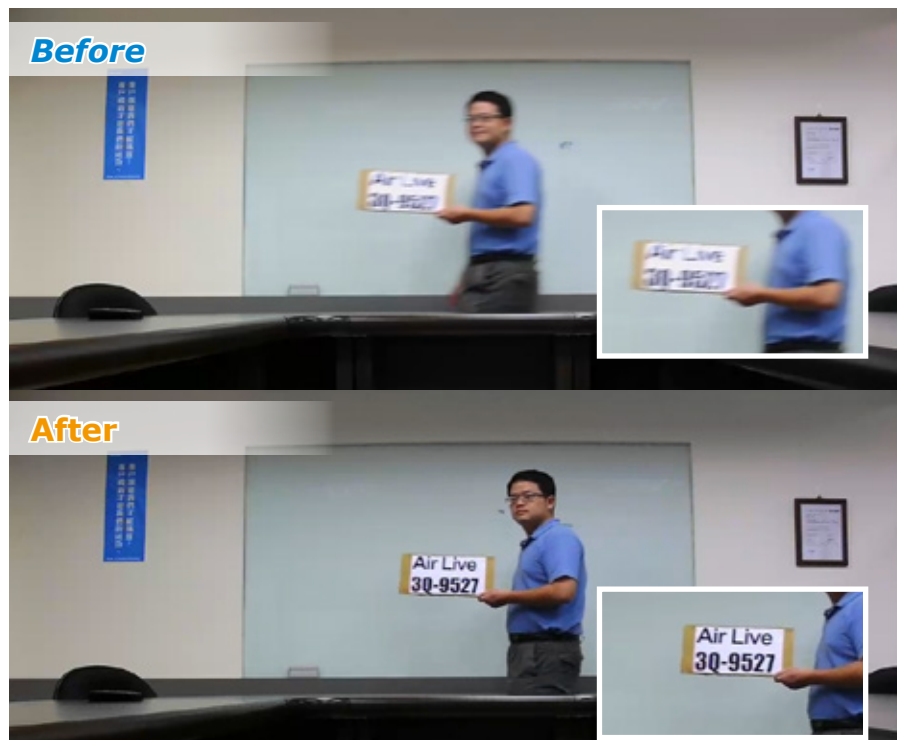
## 720P Mega-Pixel Video Quality

AirLive BU-720 provides high quality image at maximum 1280x720 resolutions. 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.

## Low Lux Sensor and Optimize Clear-Motion Technology

AirLive BU-720 provides bright and vivid colorful image due to its high quality and low lux sensor. However, 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.



## IP-66 Weatherproof and Cable through Housing

AirLive BU-720 is built into an IP66 rated outdoor housing for protection against varying weather conditions and also features the ability to conceal all necessary wiring within the camera's mounting arm for adding protection against vandalism.

## 64 Channel Recording Software and IP Wizard

The surveillance software CamPro Express 64 lets users to view and record multiple live images at the same time. Using several supported cameras with CamPro Express 64, a user can easily build up a surveillance system at different environment. Moreover, BU-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, a 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.

### Specifications

#### Camera

##### Camera Type

- Outdoor Bullet Type

##### Max Resolution

- 1280X800

##### Image Sensor

- 1/4" Mega Pixel Color CMOS Sensor

##### Sensor Resolution

- 1280X800

##### Lens Type

- Board Lens  
- 4mm, F1.5

##### Night Vision

- Yes

##### Max IR Distance

- 25M

##### Minimum Illumination

- 0 Lux with IR LEDs on

##### Mechanical IR-Cut Filter

- Built-In Removable IR Cut Filter

##### Viewing Angle

- 48°27' (H) 37°17' (V)

##### Pan/Tilt Control

- E-PTZ  
- Preset Points-Up to 32 preset point  
- Camera Tour-Up to 8 tours

##### Analog Video Out

- Yes

## 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
- AirLive Clear Motion Technology for Moving Objects

### Digital Zoom

- 10x

## Network

### Ethernet

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

### PoE

- IEEE802.3af

### Supported Protocols

- TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, HTTPs, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP and RTCP

## Security

- Password protection
- IP filter
- HTTPS

## Users

- Up to 20 simultaneous users

## LED and Button

### Power LED

- Amber Color

### Link/Act. LED

- Green Color / Flash 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 Supply

- DC12V

### Power Consumption

- 8 Watts Max.

### Connector

- RJ-45 10BaseT/100BaseTX
- 12V DC power jack
- Composite video out
- Reset button

### Environment

- Operation: Temp: -25°C ~ 50°C Humidity: 20% ~ 85% non-condensing
- Storage: Temp: -15°C ~ 60°C Humidity: 0% ~ 90% non-condensing

Manufacturer

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**SD card slot**

- Micro SD

**Dimension**

- HxWxD:125x69x69 (φ)mm

**System Integration****Software**

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

**Event Triggers**

- Motion detection
- External input via DI interface

**Motion Detection**

- 3

**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:**

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