

# WDR Megapixel IP Dome Camera

***IP-66 / Supports full range of power***

## **LC-7431**

APPRO LC-7431 is an ideal WDR IP fixed dome camera, offering a perfect video solution for enhancing image quality. This camera delivers simultaneous H.264, MPEG4 and MJPEG video compression for image quality and bandwidth efficiency. The “WDR” feature generates superior images, which can integrate the images' shadow and bright part into realistic scenes. In addition, the LC-7431 features an IR-cut filter for capturing all movement of subject in the nighttime conditions.

APPRO LC-7431 not only provides multi-functions, such as two-way audio, security authorities setting, and user-friendly UPnP configurations (USB interface for IP address setting, and SD card for recording), but it also supplies full range of power selections-DC 12V, AC 24V and PoE (IEEE 802.3af). With PoE device, the LC-7331 reduces the requirements of Ethernet cable and installation costs.

APPRO LC-7431 with IP-66 prevents dust and water that suits for outdoor and indoor use. Furthermore, the LC-7431 offers various kinds of installation methods, such as flush mount, surface mount, pendant mount and wall-mount.



### **Features**

- 1/3" WDR Sony CMOS sensor.
- Simultaneous H.264, MPEG4 and MJPEG video streaming.
- Up to 30 / 25 frame rate in all resolutions.
- Supports two-way audio.
- User-friendly UPnP functions:
  - USB interface for IP address setting and update.
  - SD card for alarm recording.
- IP-66 certification is for preventing dust and water.
- Power requirements: DC 12V / AC 24V / PoE.
- Mount applications: flush mount, surface mount, pendant mount and wall-mount.

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## SPECIFICATIONS

### Video system

- Video sensor : 1/3" WDR Sony CMOS sensor.
- Lens : 2.9-8.2mm C/CS MOUNT/3.3-12mm variable focal board type.
- Auto Iris : Yes.
- Min. Illumination : 0.2 Lux @ F1.4 (color).
- Day & Night function : Yes (Mechanical IR-Cut filter).

### Image system

- Video codec :
  - Simultaneous H.264, MPEG4 & MJPEG video streaming.
  - Simultaneous multi-profile video stream(at least 2 profiles).
  - Controllable frame rate and bandwidth.
- Resolutions : 1280x1024 / 1280x720 / 640x480 / 320x240 / 160x120.
- Frame rate : Up to 30/25 fps in all resolutions.
- Image quality : 5 levels.
- Image configurations :
  - Contrast, Brightness, AWB, BLC, Sharpness, Saturation, Flickerless, Private mask (3 areas).
- Digital PTZ : Yes.
- OSD data : IP Address/Date/Time/Icon.
- Timestamp : Title/Date/Time.

### Audio

- Input / output : audio input x 1 / audio output x 1.
- compression : u-law.
- Two-way audio : Full-duplex / Half-duplex / audio off.

### Software

- Operation system : Linux-based system.
- Recording Software : 16 channel free-bundled CMS.
- Update : SD card / HTTP.

### Alarm function

- Alarm triggers : Motion Detection / Schedule / Alarm input / Ethernet disconnection / Network/Remote digital alarm input.
- Alarm application: SD recording / SMTP / FTP / CMS recording.
- Alarm duration : Programmable.
- Pre-alarm : 6MB (H.264+MJPEG+MPEG4).
- Schedule counts : 7.

### Networking system

- Support protocols : IPv4, ARP, TCP, UDP, ICMP, DHCP, DNS, DDNS, HTTP Server, PPPoE, IP filtering, RTP/RTSP/RTCP, HTTPS, UPnP Port Forwarding, Samba client, \*FTP, \*SMTP.
- Security :
  - Multiple authorities levels.
  - IP filtering.
- Users : 16 simultaneous user access.

### Port functions

- Ethernet 10 /100 Base-TX, RJ-45.
- SD/SDHC card slot.
- USB connector.
- 10 pin push-in block for alarm input /alarm output/ RS-485/ DC output/ audio input/ audio output.
- BNC output for analog signal output.
- DC/AC jack connector.

### Miscellaneous

- LED indicator : Network /SD Status .
- Mount : Flush mount, surface mount, pendant mount and wall-mount.
- Button : Reset button.
- Power : DC 12V / AC 24V / PoE (IEEE 802.3af).
- Temperature : -40°C ~ 50°C (-40°F ~ 122°F).
- Approvals : CE/FCC/RoHS/IP-66/IK-10.
- Package include :
  - CD x 1.
  - Quick installation guide x 1.
  - Power adapter (DC 12V) x 1.
  - USB connection line x 1.

\*Design and specifications are subject to change without notice.  
+FTP and SMTP functions are for PAL version only.

