

Ultra
Low-light
COLOR



1.3 Megapixel IP Box Camera

H.264 / Day & Night / WDR / Low Light

LC-7514

APPRO's LC-7514 is a high performance network camera which is equipped with a 1.3 megapixel SONY Exmor sensor and a resolution of up to 1280x1024. It offers you cutting-edge technology at the best price you can get on the market.

1280x1024 Pixels

The LC-7514 supports 1280x1024 recording for high quality images. Integrated with the next generation H.264 technology, the LC-7514 can compress video size, so you can transfer high quality images to and from the Internet smoothly and swiftly.



VGA

LC-7514

Day & Night

This network camera adjusts to provide pictures at various light levels. Using the IR-cut filter by day, it switches automatically to infrared (IR) light at night to produce top quality images.

WDR

Wide Dynamic Range (WDR) technology captures clear images in conditions of extreme brightness and darkness, as well as in strongly backlit situations. Our WDR uses dual-exposure (known as "double-shutter") technology in video fields and combines these two fields in one frame to get wider extended dynamic range images.

Customized to suit the light

Our scheduled scenario settings customize exposure modes for your needs, adjusting your cameras to the differences in the varying strengths of light available at all hours in any given site. This enables ideal surveillance for all sites anywhere, from street traffic through shopping malls, buildings and office interiors.



Low Light

The LC-7514 delivers high quality low-light performance and makes it easier to capture low-light situations without worrying about insufficient illumination. This satisfies the need for a continuous, 24-hour monitoring. You can get clear and detailed images in full color even in extremely dark conditions.



Features

- Adopts the TI DaVinci TMS320DM368 digital media processor.
- SONY 1.3M Exmor sensor.
- Simultaneous H.264, MPEG4, and MJPEG video compressions.
- Multi-profile applications: Selectable resolutions, frame rates, video qualities, and compression.
- Min. Illumination: B/W:0.01 lux at F1.2.; Color:0.05 lux at F1.2.
- Supports enhanced WDR.
- 3D-noise reduction for clear lowlight images.
- Two-way audio.
- Advanced motion detection (48 zones, sensitivity: 0~100 %).
- Supports ONVIF.
- Full range of power options: DC 12V / AC 24V / PoE (IEEE 802.3af).

APPRO[®]
TECHNOLOGY

LC-7514 IP Box Camera

1.3 Megapixel / H.264 / Day & Night / WDR / Low Light

SPECIFICATIONS

Camera

- Image sensor: Sony 1.3M Exmor Sensor.
- Lens: CS-mount.
- Minimum illumination: Color: 0.05 Lux @ F1.2.;
B/W: 0.01 Lux@F1.2.
- 2D / 3D Noise Reduction Technology
- IR cut filter.
- Day & Night: Auto/ Day/ Night/ Schedule.
- WDR (Wide Dynamic Range).

Image

- Video Compression: H.264 / MJPEG / MPEG4.
- Resolution:
 - Aspect ratio:
"4:3": 1280x1024, 1280x960, 1024x768, 800x600,
640x480, 480x360, 320x240, 176x144.
 - "16:9": 1280x720, 800x450, 640x360, 480x270,
320x176, 176x144.
- Video streaming:
 - Simultaneous H.264, MJPEG, MPEG4.
 - Multi-profile: resolution / compression / frame rate / video quality.
- Profiles: 3 (selectable).
- Frame rate: 30FPS (1280x1024).
30FPS (1280x720) Full color in lowlight.
- Image settings:
 - Brightness, Contrast, Saturation, Sharpness, WDR level, Privacy mask.
- Exposure mode:
Indoor, Outdoor, Night, Low-Noise, Moving,
Customize 1~3, Schedule.
- Video management software: SDK, including HTTP-API / ActiveX / ONVIF.

Audio

- Audio streaming: Two-way.
- Compression: G.711u / G.726.
- Audio bit rate: G.711u 64kbps / G.726 32kbps.
- Input / output: 1 x input / 1 x output(3.5mm earphone jack)
- Built-in microphone
- S/N ratio: More than 58dB .

Network

- Security: Multi-level password protections, IP address filtering, HTTPS encryption, User access log.
- Protocols: IPv4, HTTPS, HTTP, TCP, UDP, RTP/RTCP/ RTSP, DHCP, NTP, FTP, SMTP, UPnP, ICMP, ARP, DDNS, PPPoE, SAMBA.
- Users: Access by 10 simultaneous users.
- Firmware update: SD card / HTTP.

Alarm

- Recording: SD card, SAMBA, FTP.
- Pre-alarm recording.
- Advanced motion: (48 zones, Sensitivity: 0~100 %).
- Trigger: Motion detection, Schedule, Alarm input, Ethernet loss, Network/Remote digital alarm input.
- Notification: SD card recording, SMTP, FTP, HTTP, alarm output.

Connectors

- RJ-45: 10 BASE-T /100 BASE-TX.
- GPIO: Push-in: 1 x alarm input / 1 x alarm output / 1 x DC output(DC 12V) / 1 x Ground / 2 x RS-485.
- Earphone jack : 2 x 3.5 mm(1 x Audio in [mic. in / line in], 1 x Audio out).
- DIP Switch: 1. AES / 2. DC iris / 3. DHCP / 4. Static IP.
- Iris: DC IRIS.
- Reset: Reset for factory default.
- Local storage device: SD / SDHC card slot.
- USB: A-Type (2.0).

General

- LED indicators: Power / Network / SD card.
- Power:
 - DC 12V (DC power jack) approx. 4.8 W.
 - AC 24V (2pin terminal block) approx. 6 W.
 - PoE: Approx. 6 W, IEEE 802.3af compliant class 2.
- Processors: TMS320DM368.
- OS: Linux 2.6 kernel.
- Operating conditions: 0°C ~ 50°C(32°F ~ 122°F).
- Approvals: CE, FCC, RoHS, C-Tick.
- Dimensions (HxWxD): 56 x 68 x 125 mm.
- Accessories included:
 - Installation Guide.
 - CD x 1 (includes User's Manual).
 - Power adapter: (Input: AC 100-240V, 50/60Hz, Output: DC 12V, 1A).
 - USB cable x 1.

*Design and specifications are subject to change without notice.

