

State-of-the-art technology
Superior capability / price value



3.0 Megapixel IP Box Camera

H.264 / Day & Night / WDR

LC-7516

APPRO's LC-7516 is a high performance Network Camera which is equipped with a 3.0 megapixel SONY CMOS sensor and a resolution of up to 2048x1536. It offers you cutting-edge technology at the best price you can get on the market.

Full HD

The LC-7516 supports Full HD recording for high quality images. Integrated with the next generation H.264 technology, the LC-7516 can compress video size, so you can transfer Full-HD images to and from the Internet smoothly and swiftly.



Day & Night

This network camera adjusts to provide pictures in 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.

Customize 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 to buildings and office interiors.



Features

- Adapts the TI DaVinci TMS320DM368 digital media processor.
- 1/2.8" Sony IMX036 CMOS sensor.
- Simultaneous H.264, MPEG4, and MJPEG video compressions.
- Three multi-profile applications: Selectable resolutions, frame rates, qualities, and compressions.
- Min. Illumination: 0.01 lux at F1.2.
- Supports WDR (Wide Dynamic Range).
- Two-way audio.
- Advanced motion detection (512 zones, sensitivity: 0~100 %).
- Supports ONVIF.
- Full range of power options: DC 12V / AC 24V / PoE (IEEE 802.3af).

3.0 Megapixel / H.264 / Day & Night / WDR IP Box camera LC-7516

SPECIFICATIONS

Camera

- Image sensor: 1/2.8" Sony IMX036 CMOS sensor.
- Lens: CS-mount.
- Minimum illumination: Color: 0.2 Lux @ F1.2.; B/W: 0.01 Lux@F1.2.
- 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": 2048x1536 (H.264 & MJPEG only), 1600x1200, 1024x768, 800x600, 640x480, 480x360, 320x240, 176x144.
 - "16:9": 1920x1080, 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: 15FPS (2048x1536) ; 25FPS (1920x1080).
- 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.
- Inputs / outputs: 1 x input / 1 x output(3.5mm earphone jack)
- 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: (512 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.

APPRO TECHNOLOGY INC.



www.approtech.com

Taiwan Headquarter
13F, No. 66, Zhongzheng Rd., Xinzhuang Dist., New Taipei City, Taiwan.
Tel : 886-2-8992-1177 Fax : 886-2-8992-0077
E-mail : appro@approtech.com
Web site:www.approtech.com

Office in U.S
1180 Miraloma Way Suite E, Sunnyvale, CA 94085.
Tel : 1-408-720-0018 Fax : 1-408-720-0019
E-mail : approu@aol.com
Web site:www.appro-us.com

APPRO[®]
TECHNOLOGY