

The 1.3 Megapixel & WDR IP Camera



LC-7311



ANTEK's LC-7311 is a high performance Fixed Network Camera which is equipped with a 1.3 megapixel Sony CMOS sensor and a resolution of up to 1280x960.

• 1.3 Megapixel

The LC-7311 offers you to view the video feed with a large field of high resolution at a 1.3 megapixel that enables to provide you the clear image with great detail.



Analog Camera

ANTEK's LC-7311

• WDR

Besides, the LC-7311 provides the WDR technology which is aimed at coping with problems like poor quality images shot against a strongly backlight.



WDR camera



No WDR

• Day & Night

This automatic Day & Night high-functionality camera comes with a built-in IR-cut filter that helps to enhance the quality of images even in low light conditions in daytime and at night.



• Advanced designed surveillance Technology

It delivers the MPEG4 and MJPEG video streams simultaneously at up to 30 frame rates in all resolutions for efficient bandwidth and storage. This camera also supports a two-way audio, a USB interface, and an SD card slot. Additionally, the LC-7311 is equipped with the PoE (Power over Ethernet) feature for easy installation and cable cost reduction.

In short, ANTEK's LC-7311 provides quality images and professional surveillance functions for comprehensive security applications.

Features

- Adopts TI TMS320DM355 digital media processor.
- 1.3 megapixel Sony IMX035 CMOS sensor.
- Lens type: C / CS mount.
- Built-in IR-cut filter with WDR technology for high quality images in high and low light conditions.
- Min. Illumination:
 - Color: 0.2 Lux @ F1.2.
 - B/W: 0.01lux.
- Simultaneous MPEG4, and MJPEG video compression.
- Audio: full duplex / two way audio.
- Multi-profile: 3 profiles.
- 3GPP mobile surveillance.
- Advanced motion detection (96 zones, 5 level).
- Built-in SD / SDHC card for schedule and alarm recording.
- Full range of power options: DC12V / AC 24V / PoE (IEEE 802.3af).

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SPECIFICATIONS

Camera

- Image sensor: 1.3 M Sony IMX035 CMOS sensor.
- Lens type: C / CS mount.
- Minimum illumination:
 - Color: 0.2 Lux @ F1.2.
 - B/W: 0.01lux.
- IR cut filter: Yes.
- Day & Night: Yes (Auto/ Day/ Night/ Schedule).
- WDR: 9 levels (adjustable level settings).

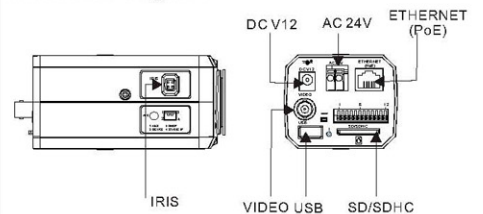
Video

- Video Compression: MPEG4 / MJPEG.
- Resolution: 1280 x 960 / 1280 x 720 / 640x480 / 320x240/ 160x120.
- Frame rate: 30 fps in all resolutions.
- Video streaming:
 - Simultaneous MPEG4 / MJPEG.
 - Multi-profile: 3 profiles.
 - Controllable frame rate and bandwidth.
- ePTZ: Yes (browser).
- Image settings:
 - Adjustable image size, quality, and bit rate.
 - Day/ Night mode.
 - Flip & Mirror.
 - AGC, AWB, AES, WDR, sharpness, exposure time and power line(50Hz / 60Hz).
 - Automatic, manual or scheduled.
 - Time stamp and text caption overlay.
 - Supports privacy masks.
- Video management software: Free bundle recording software / SDK, including HTTP-API / ActiveX.

Audio

- Audio streaming: Full duplex / two way audio .
- Compression: G.726 / G.711(μ-law).
- Inputs / outputs: 1 x digital input (1pin) / 1 x digital output (1pin).

Dimension Diagram



Network

- Security: Multi-level password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control.
- Protocols: IPv4, ARP, TCP, UDP, ICMP, DHCP, DNS, DDNS, HTTP Server, PPPoE, IP filtering, RTP/RTSP/ RTCP, RTSP over UDP, Multicast, HTTPS, UPnP Port Forwarding, Samba client, *FTP, *SMTP.
- Users: Access by 16 simultaneous users.
- Firmware update: SD card / HTTP.

Alarm

- Recording: by SD card / CMS recording.
- Pre-alarm recording: 0-4's.
- Advanced motion: 96 zone, 5 level.
- Trigger: by motion detection, manual, reboot, network disconnect, and digital input.
- Notification: SD card recording, SMTP, FTP, HTTP, alarm output.

Connectors

- RJ-45: 10BASE-T/100BASE-TX.
- Digital I/O: Push-in: 1 x digital input (2pins) / 1 x digital output (2pins) / 1 x reset (2pins) / 1 x digital input (1pin) / 1 x digital output (1pin) / DC Output (1pin): 5VDC, 200mA / GND (1pin) / RS485 (D+, D-).
- DIP Switch: 1. AES 2. DC iris 3. DHCP 4. Static IP.
- Reset: Reset for factory default.
- Local storage device: SD / SDHC card slot.

General

- LED indicators: Power / Network / SD card.
- Power:
 - 12V DC (DC power jack).
 - 24V AC (2pin terminal block).
 - 802.3af compliant Power over Ethernet (IEEE 802.3af Class 3).
- Processors: TMS320DM355.
- OS: Linux 2.6 kernel.
- Operating conditions: 0-50°C.
- Approvals: CE, FCC, RoHS.
- Dimensions (HxWxD): 56.5 x 68 x 114.5 mm.
- Accessories included:
 - Installation Guide.
 - CD x 1 includes User's Manual and CMS software.
 - Power adapter: (Input: 100-240VAC, 50/60Hz Output: 12VDC, 1A).
 - USB connector line.

*Design and specifications are subject to change without notice.

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