The 1.3 Megapixel & WDR IP Dome Camera

APPRO proudly presents our brand new IP 66 and Vandal Proof Dome Camera!

LC-7331

| 1.3 Mega | IR filter | 3GPP | Motion | SD/SDHC | PoE | two-way | IP66 | Vandal |

APPRO's LC-7331 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-7331 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

APPRO's LC-7331

● WDR

Besides, the LC-7331 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.

● Weather Proof design

The LC-7331 dome camera provides the complete protection of keeping the dust and moisture away. This means the LC-7331 can protect the surveillance systems and as well as the data files without causing any problems by any of the climatic factors from above.

The LC-7331 dome camera can be installed in any kinds of environment even under the bad weather conditions for instance, rain or thunder.

Features

- Adopts TI TMS320DM355 digital media processor.
- 1.3 megapixel Sony IMX035 CMOS sensor.
- Lens: Computar, F=1.4, f=3.3~12 mm.
- Casing: Impact resistant casing 1000kg .
- 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 (TBD).
  - 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).

Camera

- Image sensor: 1.3 M Sony IMX035 CMOS sensor.
- Lens: Computar, F=1.4, f=3.3mm~12mm.
- Minimum illumination:
  - Color: 0.2 Lux @ F1.2 (TBD).
  - 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).

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 by16 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:
Terminal blocks: 2 x digital input(4pins) / 1 x digital output (2pins) / 1 x audio input (1pin) / 1 x audio output (1pin) / DC Output (1pin): 5VDC, 200mA / GND (1pin) / RS485 (D+, D-)(2pins).
- USB connector: USB 2.0.
- Reset: Reset for factory default.
- Local storage device: SD / SDHC card slot.

General

- LED indicators: Power / Network / SD card.
- Casing: Impact resistant 1000kg.
- 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, IP 66.
- Dimensions: 150(D) x 135(H) mm.
- Accessories included:
  - Installation Guide.
  - CD x 1 includes User's Manual and CMS software.
  - Power adapter: (Input: 100-240VAC, 50/60HzOutput: 12VDC, 1A).
  - USB connector line.