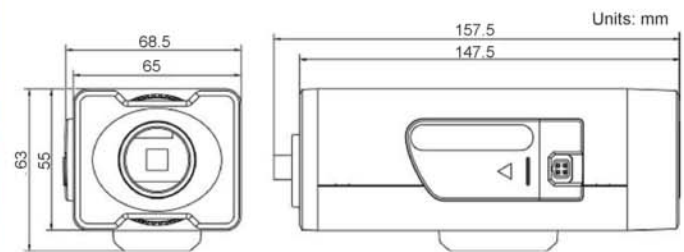


### DS-2CD862MF-E 1.3 Megapixel CCD IP Camera



### Overview

The 1.3 megapixel DS-2CD862MF-E network camera with Power over Ethernet (PoE) provides high-definition IP video ensuring that all details within the camera's field of view are captured utilizing digital media processors based on DaVinci™ technology.

### Standard Features

- ▶ Linux OS embedded
- ▶ C/CS mount lens
- ▶ TI DaVinci hardware compression
- ▶ MPEG-4 dual stream video compression
- ▶ 1-way audio
- ▶ Network intercom function
- ▶ HD720P (1280x720) for VGA monitor real-time high-resolution video display
- ▶ SD card for local storage
- ▶ Motion detection and PC client notification
- ▶ Supports variable bit rate and frame rate
- ▶ Supports TCP/IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE, etc.
- ▶ View through web browser for network preview
- ▶ Watermark authentication
- ▶ 1 sensor alarm input and 1 relay output
- ▶ PoE (power over Ethernet)
- ▶ Support ICR filter auto switch

### Rear Panel



### Specifications

#### Camera

|                          |                                   |
|--------------------------|-----------------------------------|
| Image Sensor             | 1/3" Sony Progressive Scan CCD    |
| Effective Pixels         | 1280 (H) x 960 (V), 1.3 Megapixel |
| Min. Illumination        | 0.1Lux @ F1.2                     |
| Electronic Shutter Speed | 1/4s to 1/100,000s                |
| Auto Iris Input          | Yes                               |
| Day & Night              | Auto IR Cut Filter (On/Off)       |
| S/N Ratio                | 50dB                              |
| Lens Mount               | C / CS Mount                      |
| Video Output             | 1Vp-p Composite (75Ω / BNC)       |

#### Interface

|                         |                                                           |
|-------------------------|-----------------------------------------------------------|
| Audio Input             | 1 channel 3.5mm audio jack (2.0 to 2.4Vp-p, 1kΩ)          |
| Audio Output            | 1 channel 3.5mm audio jack (Line level, 600Ω)             |
| Communication Interface | 1 RJ45 10M/100M Ethernet port and 1 RS-485 interface port |
| Alarm I/O               | 1 channel input and 1 channel relay output                |

#### Others

|                       |                                                    |
|-----------------------|----------------------------------------------------|
| Operating Temperature | -10°C to 60°C (14°F to 140°F)                      |
| Power Supply          | 24VAC/20VA, 12VDC/300Ma, PoE (Power over Ethernet) |
| Power Consumption     | 4W Max. (10W max. with ICR on)                     |
| Dimensions            | 68.5mm x 63mm x 157.5mm (2.7" x 2.5" x 6.2")       |
| Weight                | 600g (1.3lbs)                                      |

#### Compression Standards

|                   |                   |
|-------------------|-------------------|
| Video Compression | MPEG-4, 32k to 8M |
| Audio Compression | OggVorbis         |

#### Image

|                       |                 |
|-----------------------|-----------------|
| Max. Image Resolution | 1280x720 pixels |
| Frame Rate            | Up to 25fps     |

#### Functions

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Motion Detection      | On/Off                                            |
| Dual Stream           | Yes. Contains data for compressed video and audio |
| SD Card Local Storage | Yes                                               |
| Heartbeat             | Protocol configures network operation             |
| Access Levels         | 16 simultaneous users w/ remote user privileges   |
| Protocol Support      | TCP/IP, HTTP, DHCP, DNS, RTP/RTCP, PPPoE          |

### Texas Instruments DaVinci™ Digital Media Processors

DaVinci technology is a signal processing-based solution tailored for digital video applications that provides video equipment manufacturers with integrated processors, software, tools and support to simplify the design process and accelerate innovation.

The portfolio of DaVinci processors consists of scalable, programmable signal processing system on chips (SoCs), accelerators and peripherals, optimized to match the price, performance and feature requirements for a broad spectrum of video end equipments.