

the i-Volution CM-2852-MF-E 2 Megapixel IP Camera

The i-Volution CM-2852 is an economical 2 megapixel IP camera with advanced H.264 video compression and outstanding performance for advanced video surveillance applications. The CM-2852 supports dual streaming video, serial data and audio for transport over a standards-based IP network.



Applications

- Security Surveillance
 - Airports
 - Seaports
 - Military
 - Industrial Complexes
 - Unattended Sites
- Transportation
 - City Intersection Monitoring
 - Highways
 - Rail/Metro/Subway

Key Features

- Embedded Linux OS
- CS Lens Mount (Provide Optional Adapter for C Mount Lens)
- TI DaVinci Hardware Compression
- MPEG-4 Video Compression
- Bi-directional Compressed Audio
- 1600 x 1200 Pixels (UXGA)
- Dual Streaming
- Motion Detection with Notification on PC Client
- Variable Bit Rate and Variable Frame Rate
- TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP, etc
- Built-In Web Browser Manager
- Watermarking
- Auto Day/Night switching
- PTZ Control
- Sensor Alarm Input and Relay Output
- Network Voice Talk Function
- Compatible with Current Impath - PST DVR/DVS SDK and Client Software
- SD Card Slot for Local Recording (SD card not incl.)
- Power over Ethernet PoE

i-Volution CM-2852-MF-E

2 Mega Pixel IP Camera



Rear View

Camera

Image Sensor	1/3 inch CMOS
Max Image Resolution	1600 x 1200 (5fps), 704 x 576 (25fps)
Len Mount	C/CS Mount
Minimum Illumination	0.5 Lux @ F1.2, 0.2 Lux @ F1.5
Day & Night	Electronic
Auto IRIS	---
Lens	Not Included
Video Out	Composite Video, 1.0Vp-p, 75 ohm, via BNC

Video Compression

Compression	MPEG-4
Bit Rate	32kbps to 2, adjustable to 8Mbps
Frame rate	30fps (704x480), 12.5fps (1280x720), 5fps (1600x1200)

Network Interface

LAN Interface	IEEE 802.3 Ethernet RJ-45, 10/100Base-T, Auto-Sensing
Protocols	TCP, UDP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, RTP, RTCP, PPPoE,

Data Interfaces

Data	1 RS485 via TB
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Audio

Audio In	1 via 3.5mm mini-jacks (2.0~2.4v p-p 1kohm)
Audio Out	1 via 3.5mm mini-jacks (Line Level 600ohm)
Compression	Ogg Vorbis
Mode	Bi-Directional Mono

I/O

	1x TTL IN / 1 x Relay Out connections via TB
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Time

	NTP
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Synchronization

Features

Motion Detection	Yes
Dual Streaming	Yes
Recording Management	Optional Local SD Card (card not included)
Security	Microsoft IE ver. 6.0 or higher Password Protected

Environmental

Operating Temperature	-10 to +60°C (14 to +130°F)
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Power Requirements

Input Voltage	12 VDC ±10%/ Approx 3W (-E supports PoE)
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Physical

Dimensions (WxHxD)	6.3 x 5.9 x 11.6 cm (2.48" x 2.32" x 4.6")
Weight	Approx. 0.65 Kg (1.43 lb)

Model	Features
CM-2852-MF-E	2 Mega Pixel IP Camera with PoE

(Lens Optional)



Impath Networks Canada Corporation 42 Payzant Avenue, Suite 100, Halifax, NS Canada B3B 1Z6
T: 902-468-1010 F: 902-468-1044 impathnetworks.com

Impath Networks Ltd. 9 Camelot Drive, Suite 100, Ottawa, ON Canada K2G 5W6
T: 613-226-4000 F: 613-226-4602 impathnetworks.com

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