



**DS-2CD852MF-E IP Camera
Technical Manual**

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1. Key Features

- Linux OS Embedded
- CS Mount Lens (Provide Optional Adapter for C Mount Lens)
- TI DaVinci Hardware Compression
- H.264 / MPEG-4 Video Compression
- 1 Channel Audio Compression
- High Resolution Video Preview: UXGA (1600×1200 Pixels)
- Support HD720p / 4CIF/ DCIF / 2CIF / CIF / QCIF Real Time Compression
- Support SDHC Card for Local Recording
- Support Dual Stream Compression
- Support Motion Detection, and Notification on PC Client
- Support both Variable Bit Rate and Variable Frame Rate
- Support TCP/IP, HTTP, DHCP, DNS, RTP/RTCP, PPPoE, etc.
- Support IE for Network Preview
- Support HIKVISION Watermark
- Support e-PTZ Function
- Support Sensor Alarm Input and Relay Output
- Support Network Intercom Function
- Compatible with Current SDK and Client Software

2. Specifications

Parameter Model	DS-2CD852MF-E
Camera	
Image Sensor	1/3 inch CMOS
Effective Pixels	1600 (H) × 1200 (V)
Min. Illumination	0.5Lux @ F1.2 0.1Lux @ F1.2, sense up × 5
Electronic Shutter	Auto
Auto Iris Lens	---
Day&Night	Electronic (ICR option)
Lens	Option
Lens Mount	C / CS mount
Video Output	1Vp-p Composite Output (75Ω/BNC)
Compression Standard	
Video Compression	H.264 / MPEG-4
Video Output	32 K ~ 2M, adjustable (8Mbps maximum)
Audio Compression	OggVorbis
Image	
Max. Image Resolution	1600 x 1200
Frame Rate	12.5fps (1600 x 1200), 12.5fps(1600 x 912), 25fps (1280 x 720), 25fps (704 x 576), 30fps (704 x 480)
Functions	
e-PTZ	Support
Motion Detect	Support
Dual Stream	Support
SD Card Local Recording	Support
Heartbeat	Support
Password Protect	Support
Protocols	TCP / IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE (FTP, SMTP, NTP, SNMP addible)
Interface	
Audio Input	1 channel 3.5mm audio interface (2.0~2.4Vp-p, 1kΩ)
Audio Output	1 channel 3.5mm audio interface (Line level, 600Ω)
Communication	1 RJ45 10M / 100M self-adaptive Ethernet port and 1 RS-485 interface
Alarm Input	1 channel signal input
Alarm Output	1 channel signal relay output

Others	
Working Temperature	-10°C ~ 60°C
Power Supply	AC24V, ±10% / DC12V, ±10%, PoE (Power over Ethernet).
Power Consumption	4W MAX
Dimensions (mm)	64.8 x 63 x 157.5
Weight	600g

3. Dimension

