



**DS-2CD862MF-E IP Camera
Technical Manual**

Notices

The information in this documentation is subject to change without notice and does not represent any commitment on behalf of HIKVISION. HIKVISION disclaims any liability whatsoever for incorrect data that may appear in this documentation. The product(s) described in this documentation are furnished subject to a license and may only be used in accordance with the terms and conditions of such license.

Copyright © 2006-2010 by HIKVISION. All rights reserved.

This documentation is issued in strict confidence and is to be used only for the purposes for which it is supplied. It may not be reproduced in whole or in part, in any form, or by any means or be used for any other purpose without prior written consent of HIKVISION and then only on the condition that this notice is included in any such reproduction. No information as to the contents or subject matter of this documentation, or any part thereof, or arising directly or indirectly therefrom, shall be given orally or in writing or shall be communicated in any manner whatsoever to any third party being an individual, firm, or company or any employee thereof without the prior written consent of HIKVISION. Use of this product is subject to acceptance of the HIKVISION agreement required to use this product. HIKVISION reserves the right to make changes to its products as circumstances may warrant, without notice.

This documentation is provided "as-is," without warranty of any kind.

Please send any comments regarding the documentation to:
overseabusiness@hikvision.com

Find out more about HIKVISION at www.hikvision.com

Contents

1. Key Features
2. Specifications
3. Dimension

1. Key Features

- Linux OS Embedded
- CS Lens Mount (Provide Optional Adapter for C Mount Lens)
- TI DaVinci Hardware Compression
- H.264/MPEG-4 Video Compression
- ICR Filter Auto Switch
- 1 Channel Audio Compression
- High Resolution Video Preview: 1280×960 Pixels
- Support HD720P / VGA 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 Sensor Alarm Input and Relay Output
- Support Network Intercom Function
- Compatible with Current SDK and Client Software

2. Specifications

Parameter Model	DS-2CD862MF-E
Camera	
Image Sensor	1/3 inch SONY progressive scan CCD
Effective Pixels	1280 (H) × 960 (V), 1.3M CCD
Min. Illumination	Color: 0.1Lux @ F1.2 B / W: 0.01Lux @ F1.2
Electronic Shutter	1/4s to 1/100,000 s
Auto Iris Lens	DC
Day & Night	ICR
S/N Ratio	More than 50dB
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	1280 × 960
Frame Rate	12.5fps(1280 × 960), 25fps (1280 × 720), 25fps (640 × 480)
Functions	
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 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 (10W max with ICR working)
Dimensions (mm)	68.5 x 63 x 157.5
Weight	600g

3. Dimension

