



**DS-2CD832F(-E) IP Camera  
Technical Manual**

## Notices

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## Contents

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1. Key Features
2. Specifications
3. Dimension

## 1. Key Features

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- 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
- Support 4CIF / DCIF / 2CIF / CIF / QCIF Real Time Compression
- Support SD 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 PTZ Control
- Support Sensor Alarm Input and Relay Output
- Support Network Intercom Function
- Compatible with Current HIKVISION DVR/DVS SDK and Client Software

## 2. Specifications

Parameter Model	DS-2CD832F (-E) (-W)
<b>Camera</b>	
Image Sensor	1/4 inch CMOS
Effective Pixels	640 (H) × 480 (V)
Lens Mount	C / CS mount
Lens	Option
Auto Iris Lens	---
Min. Illumination	0.4Lux @ F1.2
Day & Night	Electronic
<b>Compression Standard</b>	
Video Compression	H.264 / MPEG-4
Video Output	32 K ~ 2M, adjustable (8Mbps maximum)
Audio Compression	OggVorbis
<b>Image</b>	
Image Resolution	704 x 576, 640 x 480, 528 x 384, 704 x 288, 352 x 288, 176 x 144
Frame Rate	25fps (704 x 576), 30fps (704 x 480)
<b>Functions</b>	
Motion Detect	Support
Dual Stream	Support
Heartbeat	Support
SD Card Local Recording	Support
Password Protect	Support
Protocols	TCP / IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE (FTP, SMTP, NTP, SNMP addible);
<b>Interface</b>	
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-adapted Ethernet port and, 1 RS-485 interface
Alarm Input	1 channel signal input ( 0~12VDC )
Alarm Output	1 channel signal relay output
<b>Others</b>	
Working Temperature	-10℃ ~ 60℃
Power Supply	12VDC, ±10%, (-E) series support PoE (Power over Ethernet)
Power Consumption	3W MAX
Dimensions (mm)	63 × 59 × 116
Weight	650g

## 3. Dimension

