



**DS-2CD732F(-E) IP Camera  
Technical Manual**

## Notices

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## 1. Key Features

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- Embedded Linux OS
- TI DaVinci Hardware Compression
- 1 channel Audio Compression
- Support 4CIF / DCIF / 2CIF / CIF / QCIF Real Time Compression
- Support SD Card for Local Recording
- Support Dual Compression Stream
- 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 HIKVISION DVR/DVS SDK and Client Software

## 2. Specifications

| Parameter                   | Model                                                                        | DS-2CD732F(-E) |
|-----------------------------|------------------------------------------------------------------------------|----------------|
| <b>Camera</b>               |                                                                              |                |
| Image Sensor                | 1/4 inch CMOS                                                                |                |
| Effective Pixels            | 640 (H) × 480 (V)                                                            |                |
| Lens                        | 3.5-8mm @ F1.6 / M12 / manual Iris lens                                      |                |
| Min. Illumination           | 0.4Lux @ F1.2                                                                |                |
| Video Output                | 1.0Vp-p Composite Output (75Ω/BNC)                                           |                |
| 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 × 576, 640 × 480, 528 × 384, 704 × 288, 352 × 288, 176 × 144             |                |
| Frame Rate                  | 25fps (704 × 576)                                                            |                |
| <b>Functions</b>            |                                                                              |                |
| 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). |                |
| <b>Interface</b>            |                                                                              |                |
| Audio Input                 | 1 channel (2.0 ~ 2.4Vp-p, 1kΩ)                                               |                |
| Audio Output                | 1 channel (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                                                |                |
| <b>Others</b>               |                                                                              |                |
| Working Temperature         | -10°C ~ 60°C                                                                 |                |
| Power Supply                | 12VDC, ±10%, (-E) series support PoE (Power over Ethernet)                   |                |
| Power Consumption           | 3W MAX                                                                       |                |
| Dimensions (mm)             | φ145 × 132.8                                                                 |                |
| Weight                      | 900g                                                                         |                |

## 3. Dimension

