



**DS-2CD752MF-FB(H) IP Camera
Technical Manual**

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1. Key Features

- Linux OS Embedded
- TI DaVinci Hardware Compression
- H.264 / MPEG-4 Video Compression
- 1 Channel Audio Compression
- High Resolution Video Preview: 1600 × 1200 Pixels (752MF-FB), 1280 × 720 Pixels (762MF-FB)
- Support HD720 / 4CIF / DCIF / 2CIF / CIF / QCIF Real Time Compression
- Support SDHC 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
- Support e-PTZ Function
- Compatible with Current SDK and Client Software
- Impact Protection: IEC60068-275 test, Eh, 50J; EN50102, exceeding IK10.

2. Specifications

Model	DS-2CD752MF-FB (H)	
Parameter		
Camera		
Image Sensor	1/3 inch CMOS	
Effective Pixels	1600 (H) × 1200 (V)	
Min. Illumination	0.5Lux @ F1.2 0.1Lux @ F1.2, sensitization ×5	
Lens	3.3-12mm@ F1.4 / manual Iris lens	
Day&Night	Electronic (ICR Option)	
Compression standard		
Video Compression	H.264 / MPEG-4	
Video Output	32 K ~ 2M, adjustable (8Mbps maximum)	
Audio Compression	OggVorbis	
Image		
Max. Image Resolution	1600 × 1200	
Frame Rate	12.5fps (1600 × 1200), 12.5fps(1600 × 912), 25fps (1280 × 720), 25fps (704 × 576), 30fps (704 × 480)	
Function		
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(2.0 ~ 2.4Vp-p, 1kΩ)	
Audio Output	1 channel (Line level, 600Ω)	
Communication	1 RJ45 10M / 100M self-adapted Ethernet port and, 1 RS-485 interface	
Alarm Input	1 channel signal input	
Alarm Output	1 channel signal Relay output	
Others		
Working Temperature	-10℃ ~ 60℃ ("H" series support-40℃ ~ 60℃)	
Power Supply	AC24V±10% / DC12V±10% , or PoE (Power over Ethernet)	
Power Consumption	4W MAX (14W MAX heat)	

Heat / Scatter Heat	"-H" series support
Impact Protection	IEC60068-275Eh,50J;EN50102, exceeding IK10
Water and Dust Resistance	IP66
Dimension(mm)	φ156 × 134.5
Weight	1400g

3. Dimension

