



DS-2CD876BF Network Camera
Technical Manual



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1. Key Features

- Maximum Resolution up to 2 mega, real time video at 1600×1200
- Adopt advanced video compression with high compression ratio
- Progressive scan CCD, capture motion video without sawtooth
- Support SD/SDHC card local storage
- ICR Filter Auto switch
- Support two-way audio
- Support dual streams, and the sub stream used for the mobile phone surveillance
- Support auto iris, electronic shutter for different environment
- Complete function: heartbeat, PTZ control, alarm, initial set button and so on

2. Specifications

Parameter	Model	DS-2CD876BF
		2 megapixel Real-time CCD IP Box Camera
Camera		
Image Sensor	1/1.8 inch SONY Progressive Scan CCD	
Lens Mount	C/CS mount	
Electronic Shutter	1/25s ~1/30,000s	
Min. Illumination	Color: 0.5Lux @ F1.2	
	B / W: 0.05Lux @ F1.2	
Auto IRIS	DC Drive	
Day / Night	IR cut filter with auto switch	
Video Parameter	Saturation, Brightness, Contrast, Tve adjustable through client software or web browser	
Compression Standard		
Video Compression	H.264/ MJpeg	
Bit rate	32 Kbps~16Mbps	
Audio Compression	OggVorbis	
Image		
Max. Image Resolution	1600×1200	
Frame Rate	30fps	
Function		
Storage	Support SD/SDHC, NAS	
Intelligent Alarm	Motion Detection, Video Tampering, Video Loss, Network Broken, IP address conflict, Storage exception	
Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTCP,PPPoE,FTP,SMTP,NTP,HTTPS, SIP	
Basic	Initial Set button, Anti-flicker, Dual Stream, Heartbeat, Password Protection, watermark	
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 Interface	1 RJ45 10M / 100M self-adaptive Ethernet port and 1 RS-485 interface
Alarm Input	4 channel input
Alarm Output	3 channel output
Video Output	1Vp-p Composite Output (75Ω/BNC)
General	
Operating Condition	-10°C~60°C, Humidity 90% or less(non-condensing)
Power Supply	DC12V±10% (AC24V optional)
Power Consumption	12W MAX
Dimensions	68×77.5×154.5
Weight	1000g

3. Dimension

