

# DS-2CD853F-E(W)

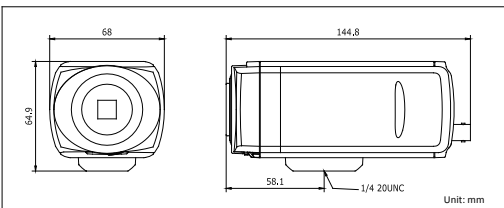
## 2MP Network Box Camera



### Key features

- Up to 2 megapixel resolution
- HD real-time video output
- 1/3" progressive scan CMOS
- True day / night
- SD/SDHC card slot
- Wi-Fi optional

### Dimensions



### Accessories



DS-2CD853F-E(W)	
<b>Camera</b>	
Image sensor	1/3" progressive scan CMOS
Min. illumination	Color: 0.5 lux@F1.2, AGC on, 0.1 lux@F1.2, AGC on, sens-up × 5 B/W: 0.05 lux@F1.2, AGC on, 0.01 lux@F1.2, AGC on, sens-up × 5
Shutter time	1/25s ~ 1/100,000s
Lens mount	C/CS mount
Auto iris	DC drive
Day & night	IR cut filter with auto switch
<b>Compression standard</b>	
Video compression	H.264 / MPEG4 / MJPEG
Bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726
Dual stream	Yes
<b>Image</b>	
Max. image resolution	1600 x 1200
Frame rate	50 Hz: 12.5 fps (1600 × 1200) 12.5 fps (1600 × 912) 25 fps (1280 × 960) 25 fps (1280 × 720) 60 Hz: 15 fps (1600 × 1200) 15 fps (1600 × 912) 25 fps (1280 × 960) 30 fps (1280 × 720)
Image settings	Saturation, brightness, contrast adjustable through client software or web browser
<b>Network</b>	
Network storage	NAS (iSCSI optional)
Alarm trigger	Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos (SIP, SRTP, IPv6 optional)
Security	User authentication, watermark
System compatibility	ONVIF, PSIA, CGI
<b>Interface</b>	
Audio input	1-ch 3.5 mm audio interface, MIC IN/LINE IN
Audio output	1-ch 3.5 mm audio interface (line level, 600 Ω)
Communication interface	1 RJ45 10M / 100M ethernet port and 1 RS-485 interface
Alarm input	1
Alarm output	1
Video output	1 Vp-p composite output (75 Ω / BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset sutton	Yes
<b>General</b>	
Operating conditions	-10°C ~ 60°C (14°F ~ 140°F) humidity 90% or less (non-condensing)
Power supply	12 VDC ± 10%, PoE (802.3af)
Power consumption	max. 4.5W (max. 7.5W with IR cut filter on) -W: max. 6W (max. 9W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.68" × 2.56" × 5.70")
Weight	500g (1.10 lbs)

### Available models

DS-2CD853F-E, DS-2CD853F-EW

\* "-W" : Wi-Fi (802.11g/b/N)

\* Product picture and technical specs subject to change without previous notice.  
For further information, please contact our local sales representatives.