



**Network Camera  
Technical Manual**

## Notices

---

The information in this documentation is subject to change without notice and does not represent any commitment on behalf of HIKVISION. HIKVISION disclaims any liability whatsoever for incorrect data that may appear in this documentation. The product(s) described in this documentation are furnished subject to a license and may only be used in accordance with the terms and conditions of such license.

Copyright © 2006-2010 by HIKVISION. All rights reserved.

**This documentation is issued in strict confidence and is to be used only for the purposes for which it is supplied.** It may not be reproduced in whole or in part, in any form, or by any means or be used for any other purpose without prior written consent of HIKVISION and then only on the condition that this notice is included in any such reproduction. No information as to the contents or subject matter of this documentation, or any part thereof, or arising directly or indirectly therefrom, shall be given orally or in writing or shall be communicated in any manner whatsoever to any third party being an individual, firm, or company or any employee thereof without the prior written consent of HIKVISION. Use of this product is subject to acceptance of the HIKVISION agreement required to use this product. HIKVISION reserves the right to make changes to its products as circumstances may warrant, without notice.

**This documentation is provided "as-is," without warranty of any kind.**

Please send any comments regarding the documentation to:  
[overseabusiness@hikvision.com](mailto:overseabusiness@hikvision.com)

Find out more about HIKVISION at [www.hikvision.com](http://www.hikvision.com)

## DS-2CD8153F-E(W)(I)



### Key Features

- Maximum Resolution up to 2 mega, real time video at HD 720P
- Adopt advanced video compression with high compression ratio
- Progressive scan CMOS, capture motion video without sawtooth
- Internal Microphone and speaker
- Support Micro SD card local storage
- Support ePTZ function
- Support PoE power supply
- Support dual streams, and the sub stream used for the mobile phone surveillance

### Specification

Model	DS-2CD8153F-E(W)(I)
Parameter	2 megapixel 1/3" CMOS Day&Night Network Cube Camera
<b>Camera</b>	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.5Lux @(F1.2, AGC ON),0.1Lux @(F1.2, AGC ON, sensitivity × 5) 1.1Lux @(F1.8, AGC ON),0.2Lux @(F1.8, AGC ON, sensitivity × 5)
Shutter Time	1/25s -1/100,000s
Lens	4mm@ F1.8 Angle of view: 73°
Lens Mount	C/CS mount
Day & Night	Electronic
<b>Compression Standard</b>	
Video	H.264/MJpeg

Compression	
Bit rate	32 Kbps-16Mbps
Audio Compression	G .711(G.722.1 optional)
Dual Stream	Yes
<b>Image</b>	
Max. Image Resolution	1600 x 1200
Frame Rate	50Hz:12.5fps (1600×1200),12.5fps (1600×912),25fps (1280×960),25fps (1280×720) 60Hz:15fps (1600×1200),15fps (1600×912),25fps (1280×960),30fps (1280×720)
Image Setting	Saturation, Brightness, Contrast adjustable through client software or web browser
<b>Network</b>	
Local Storage	Built-in Micro SD Slot, Up to 32GB
Network Storage	NAS( iSCSI optional)
Alarm Trigger	Motion Detection, Storage exception
Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, PPPoE, SMTP, NTP (SNMP,HTTPS, SIP, FTP,SRTP,802.1x, IPv6)
Security	Password Protection, Watermark
System Compatibility	ONVIF,PSIA,CGI
<b>Interface</b>	
Audio	Internal Microphone and Speaker
Communication Interface	1 RJ45 10M / 100M self-adaptive Ethernet port
Reset Button	Yes
<b>General</b>	
Operating Condition	-10°C -60°C (14°F-140°F), Humidity 90% or less(non-condensing)
Power Supply	DC12V±10% / PoE
Power Consumption	4W MAX -I: 5W MAX
IR Range	-I:10 meters
Dimensions	110×70×33mm
Weight	250g

\*"W" series supports Wi-Fi (802.11g); "I" series supports 10 meters (32.8ft) IR Range;

## Order Models

DS-2CD8153F-E

DS-2CD8153F-EI

DS-2CD8153F-W

DS-2CD8153F-WI

## Dimensions

