

# **HIKVISION**

## **DS-2CD892PF(NF)(-E)(-W) Analog 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)

## Contents

---

1. Key Features
2. Specifications
3. Dimension

## 1. Key Features

---

- High Performance Sony CCD
- CS Mount Lens (Provide Optional Adapter for C Mount Lens)
- Auto Iris with DC / Video Driver
- Linux OS Embedded
- TI DaVinci Hardware Compression
- H.264 or MPEG-4 Video Compression
- 1 Channel Audio Compression
- Support 4CIF / DCIF / 2CIF / CIF / QCIF Real Time Compression
- Support SDHC Card for Local Recording
- Support Dual Stream Compression
- Support Motion Detection with 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 Client for Network Preview
- Support PTZ Control
- 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-2CD892PF (NF) (-E) (-W)
<b>Camera</b>	
Image Sensor	1/3 inch SONY Super HAD CCD
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Lens Mount	C / CS mount
Signal System	PAL / NTSC
Electronic shutter	1/50 (1/60)s ~ 1/100,000s
Min. Illumination	0.1Lux @ F1.2
Day & Night	Electronic
Auto Iris Lens	DC / Video
Lens	Optional
S/N Ratio	More than 48dB
Video Output	540TVL, 1Vpp Composite Output (75Ω / BNC)
<b>Compression Standard</b>	
Video Compression	H.264 or MPEG-4
Video Output	32 K ~ 2M, adjustable (8Mbps maximum)
Audio Compression	OggVorbis
<b>Image</b>	
Image Resolution	PAL: 704 × 576, 528 × 384, 704 × 288, 352 × 288, 176 × 144 NTSC: 704 × 480, 528 × 320, 704 × 240, 352 × 240, 176 × 120
Frame Rate	25 fps (704 × 576), 30fps (704 × 480)
<b>Function</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) ; (-W) series support IEEE802.11g Wireless, 2.4GHz Frequency.
<b>Interface</b>	
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	1 RJ45 10M/100M self-adaptive Ethernet port and one RS-485 interface
Alarm Input	1 channel signal input

Alarm Output	1 channel relay output
<b>Others</b>	
Working Temperature	-10°C ~ 60°C
Power Supply	12VDC, ±10%, (-E) series support PoE (Power over Ethernet)
Power Consumption	4W MAX
Dimensions (mm)	63 × 59 × 114 (2.5" × 2.34" × 4.5")
Weight	650g (1.21lbs)

## 3. Dimension

