



DS-2CD802PF(NF)(-E)(-W) IP Camera

Technical Manual

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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 / 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 HIKVISION Watermark
- 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-2CD802PF (NF) (-E) (-W)	
Camera		
Image Sensor	1/3 inch SONY Super HAD CCD	
Effective Pixels	PAL: 500 (H) × 582 (V)	
	NTSC: 510 (H) × 492 (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	Option	
S/N Ratio	More than 48dB	
Video Output	420 TVL, 1Vpp Composite Output (75Ω / BNC)	
Compression Standard		
Video	H.264 / MPEG-4	
Compression		
Video Output	32 K ~ 2M, adjustable (8Mbps maximum)	
Audio	OggVorbis	
Compression		
Image		
Image Resolution	PAL: 704 × 576, 528 × 384, 704 × 288, 352 × 288, 176 × 144	
Indge kesolonon	NTSC: 704 × 480, 528 × 320, 704 × 240, 352 × 240, 176 × 120	
Frame Rate	25 fps (704 × 576), 30fps (704 × 480)	
Function		
Motion Detect	Support	
Dual Stream	Support	
SD Card Local	Support	
Recording		
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 WLAN Criterion, 2.4GHz Frequency.	
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, 600 Ω)	

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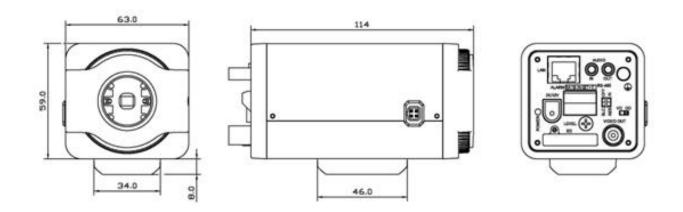


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Communication	1 RJ45 10M/100M self-adaptive Ethernet port and one RS-485 interface
Alarm Input	1 channel signal input
Alarm Output	1 channel relay output
Others	
Working	-10°C ~ 60°C
Temperature	
Power Supply	12VDC, ±10%, (-E) series support PoE (Power over Ethernet)
Power	4W MAX
Consumption	
Dimensions (mm)	63 × 59 × 114
Weight	650g



3. Dimension



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