



DS-2CD812PF (NF)(-E)(-W) 4CIF IP Camera

Key Features

- High performance Sony CCD
- Linux OS embedded
- TI DaVinci hardware compression
- H.264 dual stream video compression (4CIF / DCIF / 2CIF / CIF / QCIF real time compression)
- Support variable bit rate and frame rate
- SD card for local storage
- Support IE client for network preview
- Support motion detection with PC client notification

Specifications

Camera

Image Sensor	1/3" Sony Super HAD CCD
Signal System	PAL / NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Lens Mount	C / CS Mount
Electronic Shutter Speed	1/50 (1/60)s to 1/100,000s
Min. Illumination	0.1Lux @ F1.2
Day & Night	Electronic Shutter
Auto Iris Input	Yes
S/N Ratio	48dB
Video Output	480TVL, 1Vp-p Composite Output (75Ω / BNC)

Functions

Motion Detection	On/Off
Dual Stream	Yes. Contains data for compressed video and audio
SD Card Local Storage	Yes
Heartbeat	Protocol configures network operation
Access Levels	16 simultaneous users w/ remote user privileges
Protocol Support	TCP/IP, HTTP, DHCP, DNS, RTP/RTCP, PPPoE; (-W) Series Support IEEE802.11g Wireless WLAN Criterion, 2.4GHz Frequency

Compression Standard

Video Compression	H.264 (32 K ~ 8M)
Audio Compression	OggVorbis

Image

Max. Image Resolution	Up to 704 × 576 Pixels
Frame Rate	Up to 30fps

Interface

Audio Input	1 Channel 3.5mm Audio Jack (2.0~2.4Vp-p, 1kΩ)
Audio Output	1 Channel 3.5mm Audio Interface (Line Level, 600Ω)
Communication Interface	1 RJ45 10M/100M s Ethernet Port and 1 RS-485 Interface Port
Alarm I/O	1 Channel Input and 1 Channel Reply Output

General

Operating Temperature	-10°C ~ 60°C
Power Supply	12VDC, (-E) Series Support PoE (Power over Ethernet)
Power Consumption	4W Max.
Dimensions	63mm × 59mm × 114mm
Weight	650 g