DS-2CD702PF(NF)(-E) IP Camera

Technical Manual

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Contents

1. Key Features

- High Performance Sony CCD
- Embedded Linux OS
- TI DaVinci Hardware Compression
- H.264 / MPEG-4Video Compression
- 1 Channel Audio Compression
- Support 4CIF / DCIF / 2CIF / CIF / QCIF Real Time Compression
- Support SDHC Card for Local Recording
- Support Dual Compression Stream
- Support Motion Detection, and 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 for Network Preview
- Support HIKVISION Watermark
- 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-2CD702PF (NF) (-E)
Camera	
Image Sensor	1/3 inch SONY Super HAD CCD
Effective Pixels	PAL:500 (H) × 582 (V) NTSC:510 (H) × 492 (V)
Lens	3.5 ~ 9mm @ F1.2 / Φ14 / Fixed Iris lens
Signal System	PAL / NTSC
Electronic Shutter	1/50 (1/60)s to 1/100,000s
Min. Illumination	0.1Lux @ F1.2
Day&Night	Electronic
S/N Ratio	More than 48dB
Video Output	420 TVL, 1Vp-p Composite Outpu t (75Ω/BNC)
Compression Standard	
Video Compression	H.264 / MPEG-4
Video Output	32 K ~ 2M, adjustable (8Mbps,maximum)
Audio Compression	OggVorbis
Image	
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	25fp s(704 × 576), 30fps (704 × 480)
Functions	
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)
Adjustment Range	355° Pan 90° Tilt
Interface	
Audio Input	1channel (2.0 ~ 2.4Vp-p, 1kΩ)
Audio Output	1 channel (Line level, 600Ω)
Communication	1 RJ45 10M / 100M self-adapted Ethernet port and 1 RS-485 interface

Alarm Input	1 channel signal input
Alarm Output	1 channel relay output
Others	
Working Temperature	-10℃ ~ 60℃
Power Supply	12VDC, ±10%, (-E) series support PoE (Power over Ethernet)
Power Consumption	4W MAX
Dimensions (mm)	φ145 × 132.8
Weight	900g

3. Dimension

Φ145

132.8

16.8

63.5

108

Unit: (mm)

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