



DS-2CD727PF-PT(W) IP Camera
Cost-effective Network Camera
Technical Manual

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1. Key Features

- 200 Presets
- 20°/s Pan and Tilt Preset Speed
- 0.3-20°/s Pan and Tilt Manual Speed
- Embedded Linux OS
- H.264 video compression
- 1 channel Audio Compression
- Support 4CIF / DCIF / 2CIF / CIF / QCIF Real Time Compression
- Support SD Card for Local Recording
- Support Dual Stream Compression
- 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 Voice Talk Function
- Compatible with Current HIKVISION DVR/DVS SDK and Client Software

2. Specifications

| | |
|---------------------------|---|
| Parameter Model | DS-2CD727PF-PT |
| Camera | |
| Image Sensor | 1/3 inch SONY Super HAD CCD |
| Effective Pixels | 500 (H) × 582 (V) |
| Lens mount | M12×0.5 |
| Lens | 3.6mm |
| Min. Illumination | 0.1Lux @ F1.2 (0 Lux with IR) |
| Infrared Function | Support |
| Video Output | Test Monitor OUT 1Vp-p Composite Output (75Ω/BNC) |
| Compression standard | |
| Video Compression | H.264 |
| Video Output | 32 K ~ 2M, adjustable (8Mbps maximum) |
| Audio Compression | OggVorbis |
| Image | |
| Image Resolution | 704 × 576, 640 × 480, 528 × 384, 704 × 288, 352 × 288, 176 × 144 |
| Frame Rate | 25fps (704 × 576) |
| Function | |
| Pan and Tilt Range | Pan: 0-170°; Tilt: 0-90° |
| Horizontal Speed | 0.3 ~ 20°/s(adjustable) |
| Vertical Speed | 0.3 ~ 20°/s(adjustable) |
| Pan and Tilt Preset Speed | 20°/s |
| RS-485 Protocols | HIKVISION, PELCO-P/D (addible) |
| Scan Mode | Cameras controlled by the client software or remote control can scan ≤170°range |
| Number of Preset | 200 |
| Privacy Protection | Prevent Previewing through Network, just Preview on the Monitor. |
| Menu Language | Chinese and English, 10 characters |
| Mouse Control | Support Mouse Drag while select HIKVISION protocol in Client Software |
| Motion Detect | Support |
| Dual Stream | Support |
| SD Card Local Recording | Support |
| Heartbeat | Support |
| Password Protection | Support |
| Protocols | TCP / IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE (FTP, SMTP, NTP, SNMP addible) |
| Interface | |

| | |
|---------------------|---|
| Voice Input | 2channels ,1 channel 3.5mm audio interface (2.0 ~ 2.4Vp-p,1kΩ) and MIC internal channel. |
| Voice Output | 1 channel 3.5mm audio interface (Line level, 600Ω) |
| Communication | 1 RJ45 10M / 100M self-adaptive Ethernet port , 1 RS-485 interface (802.11g WLAN option, IR Remoter option) |
| Alarm Input | 2 channels signal input |
| Alarm Output | 1 channel relay output |
| Others | |
| Working Temperature | -10℃ ~ 60℃ |
| Power Supply | 12V DC, ±10% |
| Power Consumption | 9W MAX |
| Dimension(mm) | φ125 × 136.5 |
| Weight | 450g |

3. Dimension

