DS-2CD712P(N) IP Camera

Technical Manual

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Find out more about HIKVISION at www.hikvision.com

Contents

1. Key Features

- ±0.1° Preset Accuracy
- 150°/s Pan Preset Speed and 60°/s Tilt Preset Speed
- 0.7-80°/s Pan Manual Speed and 0.7-45°/s Tilt Manual Speed
- Park Action: Start to Call Preset / Patrol / Pattern / Auto Scan / Random Scan / Frame Scan, after a Defined Time of Inactivity
- Programmable Limit Stops for Auto / Random Scan / Frame Scan Modes
- Alarm I/O: 1 Channel Input and 1 Channel Relay output
- Alarm Actions: 200 Presets, 8 Patrols, 4 Patterns, Auto Scan, Alarm Output, SD Memory Recording and Notification on PC Client
- Embedded Linux OS
- TI DaVinci Hardware Compression
- H.264 video Compression
- 1 Channel Audio Compression
- Support 4CIF / DCIF / 2CIF / CIF / QCIF Real Time Compression
- 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 Network Intercom Function
- Compatible with Current HIKVISION DVR/DVS SDK and Client Software
- Built-in Surge Protection
- Working Temperature -10℃ ~50℃ (Indoor)

2. Specifications

Parameter / Model	DS-2CD712P (N) F-EPT
Camera	
Image Sensor	1/3 inch SONY Super HAD CCD
Effective Pixels	PAL: 752 (H) × 582 (V)
	NTSC: 768 (H) × 494 (V)
Lens	3.5--9mm / F1.2 / Φ14 / Auto Iris
Signal System	PAL / NTSC
Day & Night	Electronic
Electronic Shutter	1/50s ~ 1/100,000s
Min. Illumination	0.1Lux @ F1.2
S/N Ratio	More than 48dB
Video Output	480 TVL, 1Vp-p Composite Output (75Ω / BNC)
BLC	ON
Compression Standard	
Video Compression	H.264
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	25fps (704 × 576)
Functions	
Horizontal Range	0 ~ 360°endless
Vertical Range	0 ~ 90°
Horizontal Speed	0.7 ~ 80°/S
Vertical Speed	0.7 ~ 45°/S
RS-485 Protocols	HIKVISION, Pelco-D, Pelco-P (addible), Self-adaptive
Pan Preset Speed	0 ~ 150°/S
Auto Mode	Auto Scan, Frame Scan, Random Scan, 8 Patrol Scan, 4 Pattern Scan.
Number of Presets	200
Auto Flip	Support
Menu Language	Chinese, English
Mouse Control	Support Mouse Drag while select HIKVISION protocol in Client Software
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).
Interface	
Audio Input	1 channel (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 signal relay output
Others	
Working Temperature	-10℃ ~ 50℃ (Indoor)
Power Supply	12VDC, ±10%, (-E) series support PoE (Power over Ethernet)
Power Consumption	12W MAX
Dimensions (mm)	φ145× 132.8
Weight	2000g

3. Dimension

Unit: (mm)