

DS-2CD802P(N)-IR1(IR3) IP Camera

Technical Manual

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1. Key Features

- High Performance Sony CCD
- 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 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 Intercom Function
- Compatible with Current HIKVISION DVR / DVS SDK and Client Software
- Min. Illumination: 0.1Lux @ F1.2 (0 Lux with IR)



2. Specifications

Parameter Model	DS-2CD802P (N)-IR1 (IR3)	
Camera		
Image Sensor	1/3 inch SONY Super HAD CCD	
Effective Pixels	PAL:500(H) × 582 (V) NTSC:510 (H) × 492 (V)	
Lens Mount	M12×0.5	
Signal System	PAL / NTSC	
Electronic Shutter	1/50 (1/60)S ~ 1/50~1/100,000S	
Min. Illumination	0.1Lux @ F1.2 (0 Lux With IR)	
Lens	"-IR1" series: 6mm (2.8mm, 3.6mm option) "-IR3" series: 12mm (3.6mm, 6mm, 8mm,16mm option)	
S/N Ratio	More than 48dB	
Video Output	420 TVL,1Vpp Composite Output (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	25 fps (704 × 576), 30fps (704 × 480)	
Function		
Motion Detect	Support	
Dual Stream	Support	
Heartbeat	Support	
Password Protect	Support	
Protocols	TCP / IP,HTTP,DHCP,DNS,RTP / RTCP, PPPoE (FTP,SMTP,NTP,SNMP addible)	
Infrared Distance	"-IR1" series IR Illuminators up to 10 meters; "-IR3" series IR Illuminators up to 30 meters	
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 one RS-485 interface	
Alarm Input	1 channel signal input	

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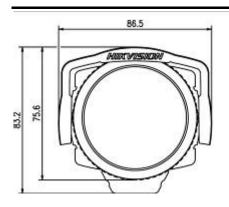
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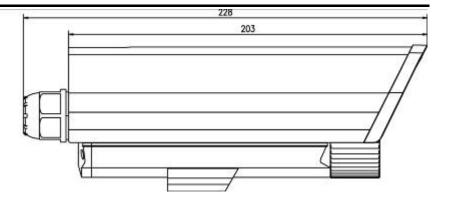
Alarm Output	1 channel relay output	
Others		
Working	-10°C ~ 60°C	
Temperature		
Water and Dust	IP66	
Resistance		
Power Supply	12VDC, ±10%	
Power	"-IR1" series: 5.5W MAX	
Consumption	"-IR3" series: 7W MAX	
Dimensions(mm)	86.5 × 83.2 × 228	
Weight	1400g	



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3. Dimension





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