

DS-2CD812PF/812NF

High Resolution Network Camera

Product summarize

Type: Hikvision high resolution network camera

Sensor: 1/3"SONY Super HAD CCD

Video compression: H.264

Video processing chip: DaVinci

Typical Application: network video monitor



Model

DS-2CD812PF DS-2CD812NF

Major features

High performance chip of TI DSP;

H.264 video compression with high compression ratio and flexible configuratin;

Functional: heartbeat, PTZ control, alarm, network voice talk function and Subscriber Management;

Network function: Support TCP/IP, video, alarm, voice data, internal web Explore and IE preview;

Minimum illumination: 0.1Lux/F1.2;

Low illumination auto switch;

High S/N ratio (Signal-to-Noise Ratio);

Support SD card;

DC12V±10%



Typical Application

This camera adopts 1/3 "inch SONY CCD and high performance Ti-DSP technology, supports color to B&W auto switch and 480TVL horizontal resolution. Adopts H.264 video compression technology, with high compression ratio, and flexible process; The multiple connection ports and completed network protocols and PTZ (Pan, Tilt & Zoom) protocols are adapted in each kind of software platform. Providing clear and exquisite picture for the user, realizing day & night network monitor, be widely applied in monitoring field of finance, government, telecommunication, street, building etc.

Specification

Parameter	Type	DS-2CD812PF/812NF
Camera		
Sensor		1/3"SONY Super HAD CCD
Pixel number		PAL:752 (H) x582 (V) NTSC:768 (H) x494 (V)
Lens mount		C/CS mount
Video standard		PAL/NTSC
Electronic shutter		1/50 (1/60) --1/100,000 S
Minimum illumination		0.1Lux @ F1.2
Auto Iris		DC/VIDEO
Lens		Optional
Signal-Noise ratio		>48dB
Video analog output		480 TVL, 1Vpp Composite Output
Compression Standard		
Video compression		H.264
Video output		32 K~2M, adjustable (8Mbps ,maximum)
Audio compression		OggVorbis
Image		
Resolution		PAL: 704x576,528x384,704x288,352x288,176x144 NTSC:704x480,528x320,704x240,352x240,176x120
Frame rate		25fps(704x576), 30fps(704x480)
Functions		
Motion detect		Support
Dual stream		Support
SD card local recording		Support
Heart beat		Support
Password protect		Support
Protocols		TCP/IP,HTTP,RTP,RTCP, ARP, ICMP, PPPOE, DHCP, FTP, UDP, DNS, DDNS, SMTP, NTP, Static IP

Interface	
Voice talk input	1channel 3.5mm audio interface (2.0~2.4Vp-p, 1k Ω)
Voice output	1 channel 3.5mm audio interface (600 Ω)
Communication	1 RJ45 10M/100M self-adapted Ethernet port and, one RS-485 interface
Alarm input	1 channel signal input (0~DC12V)
Alarm output	1 channel on-off output
Others	
Working temperature	-10 $^{\circ}$ C-60 $^{\circ}$ C
Power supply	DC12V \pm 10%
Power consumption	4W MAX
Dimensions(mm)	65 \times 67 \times 115
Weight	650g