

DP-12CD1 2F-IW



Key Features

- Up to 5 megapixel (2560×1920)@ 20 fps resolution
- Standard video compression with high compression ratio, ROI (region of interest) encoding
- Progressive scan CMOS
- Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB
- IR range approx. 10 meters
- Two-way audio
- Built-in microphone and speaker
- Support Wi-Fi, support WPS configuration with one touch
- Support PIR(Passive Infrared Detection)
- IR cut filter with auto switch
- PoE (Power over Ethernet)
- 3D digital Noise Reduction
- Support dual stream, and the sub-stream for mobile surveillance
- Integrated mount for easy installation
- Support Backlight Compensation, Digital Wide Dynamic Range, Auto-electronic shutter and so on
- Other functions: heartbeat, mirror, reset button, etc
- Support intrusion detection, line crossing detection
- Support VCA, which is compatible with NVR for the second time of video searching and analysing

Application Scenarios

It is suitable for indoor monitor space with HD image quality like small market, home, office. In addition, it can be used in small range monitor space like unattended storage, hall, accounting office, motor room, garage and so on.



Specifications

Model) h #) 7@
parameters	5 Megapixel CMOS Alarm Pro Cube Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01Lux @ (F1.2, AGC ON) ,0 Lux with IR
	0.028 Lux @(F2.0,AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Lens	2.8mm, 4mm, 6mm @ F2.0
Lens Mount	M12
Day &Night	IR cut filter with auto switch
Digital Noise	3D Digital Noise Reduction
Reduction	3D Digital Noise Neudetion
WDR	Digital WDR
Compression Standar	d
Video Compression	H.264+/H.264 / MJPEG
H.264 encoding	Main Profile
level	Main Frome
Video Bit Rate	256 Kbps ~ 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Resolution	2560×1920
Main Stream	50Hz: 20fps (2560×1920), 25fps (2048x1536), 25fps(1920×1080), 25fps(1280×720)
	60Hz: 20fps (2560×1920), 30fps (2048x1536), 30fps(1920×1080), 30fps(1280×720)
Sub Stream	50Hz: 30fps (352×288, 640x480)
	60Hz: 25fps (352×240, 640x480)
Others	Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web
	browser, Mirror, BLC, ROI, Dual Stream, Anti-Flicker, Privacy Mask,
Network	
Network Storage	NAS (Support NFS,SMB/CIFS), ANR
Alarm Trigger	Line Crossing, Intrusion Detection, Motion detection, Dynamic analysis, Tampering
	alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,
	PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour
General	Password Protection, Privacy Mask, IP Address Filtering, Anonymous Access
Standard	ONVIF, PSIA, CGI, ISAPI
Interface	
Communication	1 RJ45 10M/100M Ethernet interface
Interface	1 1045 10W/ 100W Ethernet interface



Alarm input	1
Alarm output	1
Wi-Fi Specification	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK
	802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps
	11g: 14±1.5dBm @ 54Mbps
	11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical)
	11g: -75dBm @ 54Mpbs (Typical)
	11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps
	11g: 54Mbps
	11n: up to 150Mbps
Wireless Range	50m(depend on environment)
Wireless Standards	IEEE802.11b, 802.11g, 802.11n
General	
Operating	-30 °C – 60 °C
Conditions	Humidity 95% or less (non-condensing)
Power Supply	DC12V±10% / PoE(802.3af)
Power	5W MAX
Consumption	
PIR -	Angle: 80°
	Range: 10m
IR Range	10 meters
Dimensions (mm)	66×91.5×131.3(2.60"×3.60" ×5.17")
Weight	400g(0.88lbs)

^{* &}quot;-W" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1X protocol.