NET TRADING SRL
IMPORTATOR SISTEME DE SECURITATE
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HIKVISION

DS-2CD6812D(-W)
1.3MP CMOS Stereo Desktop Network Camera

HD WDR 3D DNR

smart IPC

DS-2CD6812D(-W) offers Full HD resolution with 120dB WDR, HLC, BLC, EIS, Defog, 3D DNR to meet a wide variety of applications. DS-2CD6812D(-W) support dual lenses and dual channel videos. Each channel exports 960p@30fps video simultaneously. Dual stream is supported on each channel with High Definition main stream and Standard definition sub stream. Maximum 20 channels and mobile surveillance are supported. The two lenses can be adjusted on 3 dimensions independently. GB28181 protocol is supported. EHOME platform access is available.

- Double lenses, double channel videos
- 960p@30fp,dual stream for each channel
- Independent lens adjustment
- 1/3” Progressive Scan CMOS
- PIP(Picture in picture)
- Build-in Mic
- 120dB WDR
- 3D DNR
- Audio IO
- Support 64G on-board storage
- DC12V
- -W model support Wi-Fi
- Table/wall/ceiling mount

Key Features

Smart

- Smart recording: Support edge recording and dual-VCA.
- Smart encoding: Support low bit rate; low latency; ROI enhance encoding

Image

- HD 1280 × 960@25/30fps
- Support rotate mode, suitable for environment as corridor.
- Code smoothness setting for different requirements of image quality and fluency.
- Support H.264/MJPEG video compression, multi-level video quality configuration; support Basic/Main Profile H.264 encoding complexity.
- Multiple OSD color: Black & white self-adaptive; Custom
- 120dB WDR is supportable for backlight environment.
- Support defog, BLC, HLC, EIS.

System

- Support ONVIF (profile S/profile G), CGI, PSIA, ISAPI protocol.
- Support dual streams, and Support 20 channels live view at the same time.
- Anti-surge, anti-static protection level.

Interface

- Support standard 64G Micro SD/SDHC/SDXC card storage.
- Support 10M/100M Ethernet Port.
- Support Audio I/O, support dual channel stereo audio.

Security

- Support three-level user authentication management, user and password authorization, IP address filtering and anonymous access.
- Support security certificate as HTTPS, SSH; support creating certificate.
- Basic and digest authentication is supportable in IE configuration
- Lock user IP for many times error login

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Specification

Camera	
Image Sensor	1/3'' Progressive Scan CMOS
Min. Illumination	Color: 0.028 Lux @ (F2.0, AGC ON), B/W: 0.0028 Lux @ (F2.0, AGC ON)
Shutter Speed	1/25s ~ 1/100,000s
Slow Shutter	Support
Lens	2.0mm/2.8mm/4mm optional
WDR	120dB
Compression Standard	
Video Compression	H.264/ MJPEG
H.264 Type	Baseline Profile / Main Profile
Video Bit Rate	32 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	1280 × 960
Frame Rate	50Hz: 25fps(1280 × 960, 1280 × 720); 60Hz: 30fps (1280 × 960, 1280 × 720)
PIP	Support
Image Enhancement	BLC/3D DNR/HLC/ROI/Defog/EIS
Image Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
Regional Cropping	Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
Network	
Network Storage	NAS (Support NFS,SMB/CIFS)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Standard	ONVIF(PROFILE S,PROFILE G),PSIA,CGI,ISAPI
General	One-key reset, Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access
Interface	
Audio	1-ch 3.5 mm audio in(Mic in/Line in)/out interface, 1 build-in Microphone
Communication Interface	1 RJ45 10M/100M Ethernet port, 1 RS-485 interface and 1 RS-232 interface
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 64 GB

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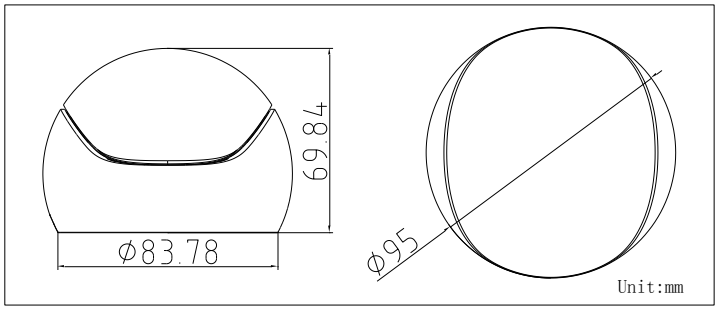
Dimensions



General	
Operating Conditions	-10 °C – 40 °C, Humidity 95% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 5 W
Dimensions	83.78×69.84×95mm
Weight	
Order Models	
DS-2CD6812D, DS-2CD6812D-W (“-W” model support Wi-Fi)	

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