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DS-2CD6520D-I(O)
2MP 1/3" CMOS Mini Dome

HD

DIGITAL WDR

3D DNR

DS-2CD6520D-I(O) is applicable to vehicle scenarios such as the train, the public bus and school bus, as well as those with higher requirements for the vibration, riot and waterproof, key features including:

- Up to 1920×1080 @ 30 fps for real-time output
- ROI and SVC are adopted with high compression ratio, flexible disposure and low bitrate
- Code smoothness setting for different requirements of image quality and fluency
- Day/Night parameters independent configuration
- PoE power supply is supportable
- Small and nice with built-in microphone
- 3-axis adjustment for convenient installation
- 3D DNR and DWDR
- Support two streams and cellphone surveillance
- Support analog output

- Rotate mode, BLC, auto electronic shutter are for different environment
- Function: Heartbeat, mirror, instant recovery, etc.
- Smart detection: Intrusion detection, line crossing detection
- Support VCA, which is compatible with NVR for the second time of video searching and analyzing
- Support security certificate as HTTPS, SSH; support creating certificate
- Basic and digest authentication is supportable in IE configuration
- Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB
- Built-in mic
- Vandal proof: IK08,IP66
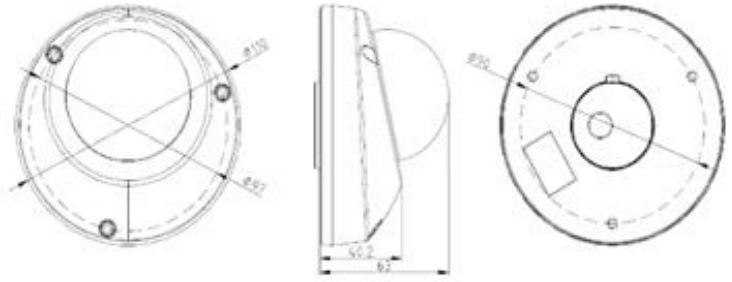- Professional certifications: EN 50155, EN 50121

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2MP 1/3" CMOS Mini Dome

Specification

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01 Lux @(F1.2,AGC ON), 0 Lux with IR
Shutter Speed	1/3s~1/100,000s
Lens	4mm, horizontal view angle 63° (2.8mm/6mm/8mm optional)
Angle of Adjustment	H: -30°~30°, V: 0°~80°, R: 0°~360°
Lens Mount	M12
Day & Night	ICR
DNR	3D Digital Noise Reduction
DWDR	Digital Wide Dynamic Range
Compression	
Video	H.264/ MJPEG
H.264 Type	Base Line Profile/Main Profile
Video Bit Rate	32Kbps~8Mbps
Audio	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/32-128Kbps(MP2L2)
Image	
Max. Resolution	1920 × 1080
Frame Rate	50Hz: 25fps (1920*1080,1280 × 960,1280 × 720) 60Hz: 30fps (1920*1080,1280 × 960,1280 × 720)
Image Setting	Rotate mode, Saturation, Brightness, Contrast, etc. are adjusted via client or web-browser
BLC	Yes, zone optional
ROI	Support
Network	
Storage	Micro SD/SDHC/SDXC card (up to 64G) ANR, NAS
Intelligent Alarm	Intrusion detection, Line crossing detection, Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage error
Protocol Supportable	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour
Interface protocol	ONVIF,PSIA,CGI,ISAPI
General	Flickerless, dual stream, heartbeat, mirror, password protection, video masking, watermark
Network	
Communication	-IO Model: 1-ch RJ45 10M / 100M self-adaptive Ethernet port(Air interface)
	-I Model: 1-ch M12 10M / 100M self-adaptive Ethernet port(Air interface)
Video	1Vp-p Composite Output(75 Ω /BNC)
Audio Input	1 built-in mic

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Dimensions

General	
Working temperature and humidity	-30 °C ~ 60 °C (-22 °F ~ 140 °F) Humidity 95% or less (non-condensing)
Power Supply	DC12V/PoE(802.3af)
Power	5.5W MAX
Protect Level	IP66
Impact Protection	Ik08
IR distance	10m
Dimensions	99.3x96.7x52.8mm (3.91" × 3.81" × 2.08")
Weight	600g (1.32lb)

Order Models:

DS-2CD6520D-IO: RJ45 Ethernet port and Φ5.5mm power connector

DS-2CD6520D-I： M12 Ethernet ports, Molex power connector

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