

## Specifications

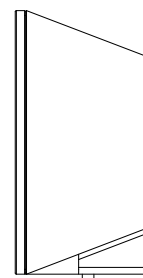
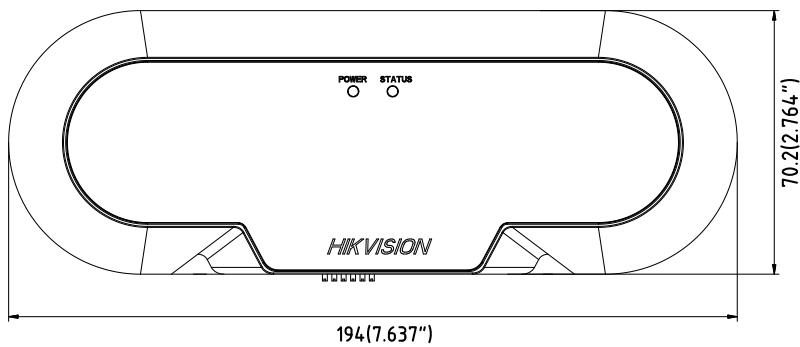
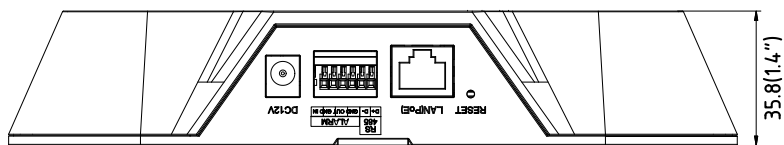
<b>Camera</b>	
Image Sensor	1/3" Progressive Scan CMOS
Shutter Speed	1/25 s – 1/10,000 s
Auto-iris	Manual
Digital Noise Reduction	3D DNR
<b>Lens</b>	
Focal length	2 mm, 2.8 mm, 4 mm, optional
Aperture	2 mm: F2.2 2.8 mm: F2.0 4 mm: F2.2
FOV	2 mm: horizontal FOV 105°, vertical FOV 89° 2.8 mm: horizontal FOV 83°, vertical FOV 68° 4 mm: horizontal FOV 63°, vertical FOV 55°
Lens Mount	M12
<b>Compression Standard</b>	
Video Compression	Main stream: H.264 Sub-stream: H.264
H.264 Type	Baseline Profile/Main Profile
Video Bit Rate	32 Kbps to 8 Mbps
<b>People Counting</b>	
Statistics	Support separate counting of people entering, exiting, and passing by
Data Uploading	Support real-time uploading and uploading by statistic cycle
Email Report	Daily, weekly, monthly, and annual report supported
Height Filter	Support
<b>Image</b>	
Max. Resolution	640 × 960
Main Stream Max. Frame Rate	50Hz: 25fps (640 × 480) 60Hz: 24fps (640 × 480)
Sub-stream Max. Frame Rate	50Hz: 25fps (640 × 960) 60Hz: 24fps (640 × 960)
Image Enhancement	3D DNR
Image Setting	Brightness and sharpness are adjustable by client software or web browser
<b>Network</b>	
Alarm Trigger	Video tampering, alarm input, alarm output, network disconnected, IP address conflict, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	One-key reset, anti-flicker, heartbeat, password protection, watermark
API	ISAPI, HTTP
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	iVMS-4200
Web Browser	IE8+, Chrome31-44, Firefox 30.0 - 51
<b>Interface</b>	

Communication Interface	1 RJ45 10M/100M Ethernet port 1 RS-485 interface
Alarm	1 input, 1 output (up to 12 VDC, 30 mA)
Reset Button	Yes
<b>General</b>	
Operating Conditions	-10 °C to +40 °C (+14 °F to +104 °F), humidity 95% or less, no condensing
Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, max. 5 W, 0.42 A PoE(802.3af 36 V to 57 V) , max. 7 W, 0.2 A to 0.13 A
Material	Base: metal; cover: plastic
Dimensions	Camera: 194 × 70.2 × 35.8 mm (7.64" × 2.76" × 1.4") Package: 225 × 125 × 76 mm (8.86" × 4.92" × 2.99")
Weight	Approx. 300 g (0.66 lb), 480 g (1.06 lb) with package

## Available Models:

iDS-2CD6810F/C (2.0 mm), iDS-2CD6810F/C (2.8 mm), iDS-2CD6810F/C (4 mm)

## Dimensions



Unit: mm

## Accessories



DS-2102ZJ  
Wall mount



DS-1227ZJ-P1  
In-ceiling mount



DS-1299ZJ  
Pendant mount