

iDS-2CD6810F-IV/C Outdoor Dual-Lens People Counting Camera















iDS-2CD6810F-IV/C is a specialized people counting camera, supporting separate counting of people entering, exiting, and passing by.

The camera combines various crucial and advanced technologies, including binocular stereo vision, 3D people detection and tracking, and height filtering, to guarantee high accuracy.

- 1/3" Progressive Scan CMOS
- Dual lens, dual CPU, support stereo views
- 2.8 mm/4 mm lens, optional
- Max. resolution 640 × 960
- H.264
- Flash memory storing people counting data
- 3D digital noise reduction
- 12 VDC/PoE
- Up to 5 m IR range
- IP66





Specifications

Camera					
Image Sensor	1/3" Progressive Scan CMOS				
Shutter Speed	1/25 s to 1/10,000 s				
Auto-iris	Manual				
Digital Noise Reduction	3D DNR				
Angle Adjustment	Tilt: 0° to 45°				
Lens	Lens				
Focal length	2.8 mm and 4 mm, optional				
Aperture	2.8 mm: F2.0 4 mm: F2.2				
FOV	2.8 mm: horizontal FOV 83°, vertical FOV 68° 4 mm: horizontal FOV 63°, vertical FOV 55°				
Lens Mount	M12				
IR					
IR Range	Up to 5 m				
Compression Standard					
Video Compression	Main stream: H.264 Sub-stream: H.264				
H.264 Type	Baseline Profile/Main Profile/High Profile				
Video Bit Rate	32 Kbps to 8 Mbps				
People Counting					
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				
Image					
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				
Day/Night Switch	Auto, scheduled, day, and night				
Network					
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, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour				
General Function	Anti-flicker, heartbeat, password protection, watermark, email data report				
API	ISAPI, RS-485, HTTP				
Simultaneous Live View	Up to 6 channels				
User/Host	Up to 32 users 3 levels: Administrator, Operator and User				
Client	iVMS-4200				

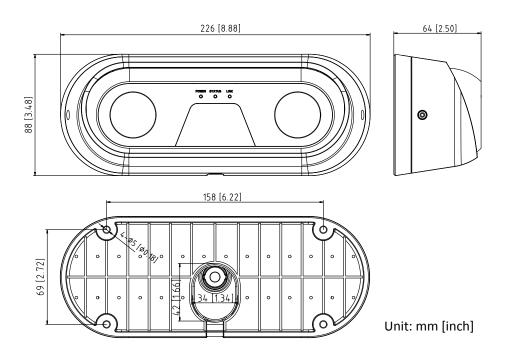


Web Browser	IE8+, Chrome31-44, Firefox 30.0 - 51	
Interface		
Communication Interface	1 RJ45 10M/100M Ethernet port	
	1 RS-485 interface	
Alarm	2 inputs, 1 output (up to 24 VDC 1 A, or 110 VAC 500 mA)	
General		
Operating Conditions	-30°C to +60°C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)	
Power Supply	12 VDC ± 25%, terminal block	
	PoE (802.3af, class 3)	
Power Consumption and	12 VDC, max. 7 W, 0.6A	
Current	PoE(802.3af, 36 V to 57 V), max. 7 W, 0.2 A to 0.13 A	
Protection Level	IP66	
Material	Body: metal; enclosure: plastic	
Dimensions	Camera: 226 × 88 × 64 mm (8.88" × 3.48" × 2.50")	
	Package: 260 × 125 × 125 mm (10.24" × 4.92" × 4.92")	
Weight	Approx.850 g (1.87 lb.), 1050 g (2.31 lb.) with package	

Available Models:

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

Dimensions





Accessories

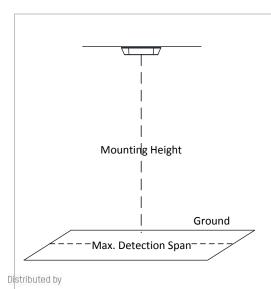


DS-1275ZJ-P:

Horizontal pole mount

Installation Recommendation

Following table shows the relations among focal length, mounting height, and max. detection span of typical values. For detailed installation advice, please contact the technical support of HIKVISION.



Focal Length (mm)	Mounting Height (m)	Max. Detection Span (m)
2.8	3.0	2.2
2.8	3.5	3.1
2.8	4.0	4.0
2.8	4.5	4.8
2.8	4.7	5.2
4.0	4.0	2.8
4.0	4.5	3.4
4.0	5.0	4.0
4.0	5.5	4.6
4.0	6.0	5.2

Note: Mounting height of 2.8 mm lens camera should be no higher than 4.8 meters.

HIKVISION

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