

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	
Focal length	2 mm
Aperture	F2.2
FOV	Horizontal FOV 105°, vertical FOV 89°
Lens Mount	M12
IR	
IR Range	Up to 3 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
Door Status Indication	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, 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, door status detection, 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	iDS-2XM6810F-I/C: 1 RJ45 10M/100M Ethernet port iDS-2XM6810F-IM/C : 1 M12 aviation plug 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 (wide voltage range: 8 V to 36 V), terminal block PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, max. 7 W, 0.6A PoE (802.3af, 36 V to 57 V), max. 7 W, 0.2A to 0.13A
Material	Body: metal; enclosure: plastic
Dimensions	Camera: 216 × 87 × 57 mm (8.51" × 3.41" × 2.22") Package: 260 × 125 × 125 mm (10.24" × 4.92" × 4.92")
Weight	Approx.850 g (1.87 lb.), 1100 g (2.43 lb.) with package

Available Models:

iDS-2XM6810F-I/C (2 mm), iDS-2XM6810F-IM/C (2 mm)

Dimensions

