

DATASHEETS

Panorama Cameras

CB-FI1218F

12MP Fisheye Camera



Key Features

- 1/1.7" Progressive Scan CMOS
- 12MP Resolution
- Unique De-warping Image
- Support Camera & Software De-warping
- Low bitrate, Excellent low light performance
- Built-in Video Analytics

12MP POE IP66 IK10 Onvif



Overview

CB-FI1218F is a 12MP CMOS Sensor fisheye camera that delivers superior optics and viewing functionality for optimal 360° Surround and 180° Panoramic image.

Essentially a four-camera-in-one unit, CB-FI1218F offers a cost-effective solution for the surveillance of large indoor and outdoor areas such as in retail stores, shopping malls, warehouses, lobbies of schools, hotels and offices, and parking lots. It is also ideal for use at the intersection of hallways, aisles and roads, and at the corner of buildings.

CB-FI1218F has an elegant blend of aesthetics and combined with its multiple live view display modes, can meet the major needs of demanding project.

Specifications

Part No. 1142007

Camera

Image Sensor	1/1.7" Progressive Scan CMOS
Effective Pixels	4000(H)×3000 (V)
Scanning System	Progressive
Electronic Shutter	1/5-1/20000s
Min. illumination	Color:0.009Lux@ (F1.2,AGC ON) B/W:0Lux@(IR LED ON)
S/N Ratio	55dB
IR Range	Up to 15m
IR On/Off Control	Auto/ Manual
IR LEDs	6pcs
Pan/Tilt/Rotation Range	N/A

Lens

Lens Type	Fixed
Iris	Fixed Iris
Focal Length	1.83mm
F Number	F2.4
Angle of View	360°
Focus Control	Fixed
Close Focus Distance	N/A

Video

Compression	H.265, H.264, MJPEG
Max. Resolution	12MP (4000×3000)
Streaming Capability	2 Streams
Stream / Frame Rate	Stream1: 4000*3000 @20fps, 4096*2160/ 3840*2160/ 3000*3000 / 2560*2560/ 1920*1080 @25fps Stream2: 1280*960/ 720*720/ D1 @25fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 500kbps~16000kbps Stream2: 100kbps~8000kbps
Day/Night	ICR
Image Enhancement	HLC / Defog / dWDR
White Balance	Support
Gain Control	Auto/Manual
Noise Reduction	2D/3D DNR
Electronic Image Stabilization(EIS)	Support
Smart IR	Support
Mirror	Support
Region of Interest	Support
Motion Detection	Support
Privacy Masking	Support

Audio

Compression	G.711, RAW_PCM
Bit Rate	64kbps (G.711), 128kps (RAW_PCM)

Specifications

Network

Protocols	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, APR, SNMP
Interoperability	ONVIF
Streaming Method	Unicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox
Smart Phone	IOS, Android

Intelligence

IVS	Perimeter, Single Virtual Fences, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad
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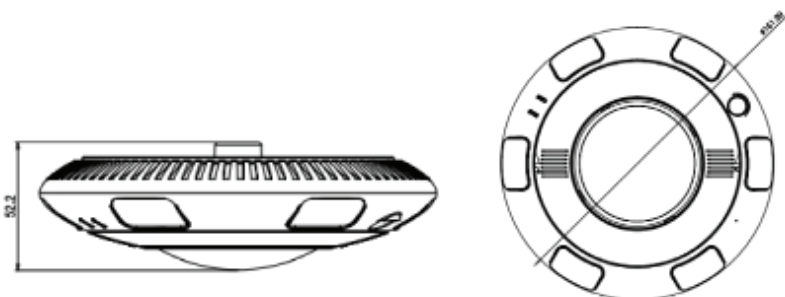
Interface

Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Audio In, 1ch Audio Out, 1ch Built-in MIC
Alarm	1ch Alarm In, 1ch Alarm Out
RS485	N/A
BNC Output	N/A
Reset Button	Support
Edge Storage	Micro SD/SDHC/SDXC slot, Max 128GB

Electrical

Power Supply	DC12V/POE/AC24V
Power Consumption	5W(IR LED OFF), 8W IR LED ON
Operating Temperature	Starting Temperature: -30°C ~ 60°C (-22°F ~ 140°F) Working Temperature: -40°C ~ 60°C (-40°F ~ 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP67
Certifications	CE / FCC
Casing	Metal
Dimensions	Φ162×52.2mm
Net Weight	700g

Dimensions





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