



# JBF-AS-12MP-IR

## Technical Specification

### Camera

Image Sensor	1/1.7" CMOS
Effective Pixels	4000 (H) × 3000 (V)
ROM	4 GB
RAM	4 GB
IR LEDs	3 (IR LEDs)
Electronic Shutter Speed	1/3 s-1/100000 s (Auto/Manual)
Min. Illumination	0.001 Lux/F2.0 (Color, 1/3 s, 30 IRE) 0.01 Lux/F2.0 (Color, 1/30 s, 30 IRE) 0Lux/F2.0 (B/W, IR on)
IR Distance	10 m (32.8 ft)
Scan	Progressive
Noise Reduction	3D DNR
WDR	120dB
S/N Ratio	49.7dB
Gain control	Auto/Manual
White Balance	Auto/Natural/street lamp/outdoor/manual/regional Custom

### Lens

Focal Length	1.85 mm			
Mount Type	M12			
Max. Aperture	F2.0			
Aperture Type	Fixed aperture			
Lens Type	Fixed focal			
Field of View	Horizontal: 185°; Vertical: 180°,360° (ceiling mounting)			
DORI Distance	Detect	Observe	Recognize	Identify
	40.0 m (131.3 ft)	16.0 m (52.6 ft)	8.0 m (26.3 ft)	4.0 m (13.1 ft)

### Audio

Audio Input	1 channel (RCA port),1 build in MIC
Audio Output	1 channel (RCA port)
Audio Encoding	G.711A, G.711Mu, G726, AAC

### Video

Video Encoding	H.265, H.264, H.264H, H.264B, MJPEG
Streaming Capability	3 Streams
Video Frame Rate	50Hz Main Stream (4000 × 3000@25fps), sub Stream (704 × 576@25fps), third Stream (704 × 576@25fps) 60Hz Stream (4000 × 3000@30fps), sub Stream (704 × 480@30fps), third Stream (704 × 480@30fps) Fisheye: 1O (4000 x 3000) 1P (4096 x 1024) 2P (2432 x 2432) 1R (1216 x 1216) 2R (2432 x 2432) 4R (2432 x 2432) 1O + 3R (2432 x 2432)

Resolution	4000 × 3000, 2880 × 2880, 2880 × 2160, 2048 × 1536 (3M), 1280 × 960 (1.3M), (704 × 576/704 × 480) D1, (352 × 288/352 × 240) CIF
Video Quality Adjustment	Multiple compression levels up to 6 levels
Bit Rate Control	CBR/VBR
Region of Interest	Yes (4 areas)
Smart IR	Yes (Adjust by user)
Language	English, Italian, Spanish, Russian, French, German, Portuguese, Polish, Korean, Persian, Czech, Dutch, Arabic, European Spanish

### Alarm

Alarm Input	2 channels (Wet contact, and it supports max potential 3V-5V)
Alarm Output	2 channels (Dry contact, and it supports max potential 30V)

### Function

SD Card	Yes
Storage	FTP, Micro SD card (256 G)
Max User	20 (Total bandwidth: 240 M)
Browser	IE: IE11, IE10, IE9 Google of high version: 48.0.2564.116 Firefox of high version: 48.0.2 Non-plug edge: 42.17134.1.0
Privacy Masking	4 areas

### Smart event

IVS Analyze	Intrusion, tripwire
Heat Map	Yes
Event Trigger	Motion detection, Video tampering , Scene changing, Network disconnection , IP address conflict, Illegal Access, Storage anomaly

### Professional, intelligent

People Counting	People counting in 4 areas, number of people threshold alarm, 4 queue management, stranding alarm, number of people alarm, number of people heat map, average stranding heat map, track map and export (Report max range is 1 week.)
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### Network and port

Ethernet	RJ-45(10/100/1000Base-T)
Network Protocol	HTTP, HTTPs, TCP, ARP, RTSP, RTP, UDP, RTCP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, IPv4/v6, SNMP, QoS, UPnP, NTP, 802.1x
ONVIF	Version 21.06 rev. 6999, Profile S, Profile T, Profile G

### General

Power Supply	12V DC /POE
Power Consumption	Basic power consumption: 6.2W (12V DC), 9.2W (POE) Max power consumption: (ICR switch, and IR full intensity): 9.2W (12V DC), 12.9W (POE)
Operating Temperature	-30°C to +50°C (-22°F to +113°F)
Operating Humidity	≤95%

