

CCTV IP / Professional IP cameras

# SF-IPB070A-2B1-DL

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### H.265+ ECO Series

The ECO range is the entry level for IP cameras. It stands out for its good night-time performance and Matrix LED illumination system, as well as its characteristic robustness and reliability, which satisfy any standard installation. Efficient H.265+ encoding, which saves 80% in storage and bandwidth over H.264 codec. Power over the POE network cable greatly simplifies installation.

- IP Bullet Camera range B1 with dual light
- 1/3" Progressive Scan CMOS
- Resolution 2 Megapixel (1920x1080)
- Lens 2.8 mm | IR & Led up to 40m
- Waterproofing IP67 | PoE (IEEE802.3af)



## Technical Specification

Camera	
Image Sensor	1 / 3 "CMOS
Image Size	1920×1080
Electronic Shutter	1 / 3s ~ 1 / 100000s
Iris Type	Fixed Iris
Min. Illumination	0.02 lux @F2.2, AGC ON; 0 lux (Illumination on)
Lens	2.8mm@F2.2, Horizontal FoV: 95°;Vertical FoV:55°;Diagonal FoV:109° 3.6mm@F2.2, Horizontal FoV:75°;Vertical FoV:41°;Diagonal FoV:86°
Focus	Fixed
Lens Mount	M12
Day&Night	ICR
Wide Dynamic Range	Digital WDR
BLC	Yes
HLC	Yes
Digital NR	Yes
S/N Ratio	≥50dB
Angle Adjustment	Pan: 0°~360°; Tilt:0°~80°;Rotation: 0°~360°
DORI Distance	
Lens	2.8mm   3.6mm
Detect	41m(133ft)   58m(190ft)
Observe	17m(55ft)   23m(75ft)
Recognize	8m(26ft)   12m(39ft)
Identify	4m(13ft)   6m(19ft)
Image	
Video Compression	Main stream: H.265+ / H.265 / H.264 + / H.264 Sub stream: H.265+ / H.265 / H.264 + / H.264 / MJPEG
H.265 Compression Standard	Main Profile@Leve4.1 High Tier
Resolution	1080P (1920×1080), 720P(1280×720), D1, VGA(640×480), 480×240, CIF
Main Stream	1080P/720P(60Hz: 1~30fps; 50Hz: 1~25fps)
Sub Stream	D1/VGA/480× 240/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 3 Mbps

<b>Bit Rate Type</b>	VBR / CBR
<b>Audio Compression</b>	G711A/U
<b>Image Settings</b>	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
<b>ROI</b>	Each ROI to be configured separately
<b>Interfaces</b>	
<b>Network</b>	RJ45
<b>Video Output</b>	No
<b>Audio</b>	1CH built-in MIC
<b>Storage</b>	No
<b>Reset</b>	No
<b>Functions</b>	
<b>Remote Monitoring</b>	Web browser /TVT NVR/NVMS2.X/Mobile APP
<b>Web Browser</b>	IE 11 (plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
<b>Online Connection</b>	Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission
<b>Network Protocol</b>	UDP, IPv4, IPv6, DHCP, NTP, RTSP, 802.1x, HTTP
<b>Interface Protocol</b>	ONVIF
<b>Storage</b>	Network remote storage
<b>Motion Detection</b>	Support smart motion detection; filtering motion alarm triggered by other target types except humans.
<b>Smart Alarm</b>	Motion detection
<b>Smart Event</b>	(Human) region intrusion detection, (human)line crossing detection
<b>General Function</b>	Watermark, video mask, heartbeat, corridor pattern
<b>Security</b>	Video encryption, firmware encryption, configuration encryption, illegal login lock,IP address filtering, 802.1x authentication, basic and digest authentication for HTTP
<b>PoE</b>	Yes, IEEE802.3af
<b>Supplement Light Range</b>	IR range: 10 ~ 20 m; white light range:10 ~ 20 m
<b>Ingress Protection</b>	IP67
<b>Others</b>	
<b>Power Supply</b>	DC12V/PoE
<b>Power Consumption</b>	< 5W
<b>Operating Environment</b>	- 20 °C ~ 55 °C (-4°F~131°F); Humidity: less than 95 % non-condensing)
<b>Storage Environment</b>	-20 °C ~ 60°C (-4°F~140°F), Humidity: less than 95 % (non-condensing)
<b>Dimensions ( mm )</b>	161.5 × 74.7 × 73.7

<b>Weight ( net )</b>	Approx. 0.28KG
<b>Installation</b>	Ceiling mounting; Wall mounting
<b>Certificate</b>	CE, FCC
<b>Environmental Protection</b>	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)