CCTV IP / Professional IP cameras

SF-IPB080A-5WE1-DL

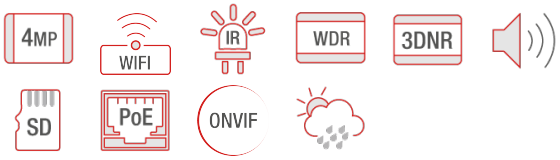
SF-IPB080A-4WE1

E1 Range: Professional Series with Artificial Intelligence

An ideal option tailored for professional installers, featuring 4MP and 6MP cameras equipped with compelling sensors and functionalities. The cameras in this series feature artificial intelligence, War Lighting, StarLight sensor, 120db WDR and Smart IR 2.0. They offer human and vehicle detection on area intrusion and line crossing. Models with NightColor functionality illuminate the scene so that you can continue viewing in colour, and also have an intruder deterrent light.

- Bullet Camera WiFi E1 Artificial Intelligence
- Resolution 4 Megapixel (2566x1440)
- Lens 2.8 mm | Audio IN | IR 30m
- AI: Classification of human and vehicle
- Waterproofing IP67 | PoE (IEEE802.3af)





Technical Specification

Camera	
Image Sensor	1/3" CMOS
Image Size	2560×1440
Electronic Shutter	1 / 1s ~ 1 / 100000s
Iris Type	Fixed Iris
Min. Illumination	0.005 lux @F1.6, AGC ON; 0 lux with IR
Lens	2.8mm@F1.6, Horizontal FoV: 94°;Vertical FoV:50°;Diagonal FoV:115°
Focus	Fixed
Lens Mount	M12
Day&Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Digital NR	Yes
S/N ratio	≥50dB
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~80°; Rotation: 0°~360°
Image	
Video Compression	Main stream: H.265 / H.264 Sub/Third stream: H.265 / H.264 / MJPEG
H.265 Compression Standard	Main Profile@Leve4.1 High Tier
Resolution	4MP (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, VGA (640×480), 480× 240, CIF
Main Stream	60Hz: 4MP/3MP/1080P/720P(1~30fps); 50Hz: 4MP/3MP/1080P/720P(1~25fps)
Sub Stream	60Hz: 720P/D1/VGA/CIF (1~30fps);50Hz: 720P/D1/VGA/CIF (1~25fps)
Third Stream	60Hz: D1/480× 240/CIF (1~30fps);50Hz: D1/480× 240/CIF(1~25fps)
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Interfaces	
Network	RJ 45 10M/100M self-adaptive Ethernet port

Video Output	No
Audio	1CH audio input
Storage	Built-in micro SD card slot, up to 256GB
Reset	Yes

Functions

Remote Monitoring	Web browser /Safire Smart NVR/Safire Smart VMS/Mobile APP
Web Browser	IE11(plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
Online Connection	Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPs, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SD card full, SD card error
Smart Event	Video exception (scene change, video blur and abnormal color detection), line crossing detection, region intrusion detection, abandoned/missing object detection
General Function	Watermark, video mask, heartbeat, corridor pattern
Security	Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPs
PoE	Yes
IR Distance	20 ~ 30 m
Ingress Protection	IP67

DORI Distance

Lens	2.8mm
Detect	61.76m(202.62ft)
Observe	24.70m(81.03ft)
Recognize	12.35m(40.51ft)
Identify	6.18m(20.27ft)

Wi-Fi

Wireless Standards	IEEE802.11b/g/n
Frequency Range	2.4GHz ~ 2.4835 GHz
Channel Bandwidth	20MHz
Security	WEP, WPA-PSK/WPA2-PSK
Wireless Range	80m
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps

Others

Power Supply	DC12V/PoE
Power Consumption	< 5W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F);Humidity: less than 95 % (non-condensing)
Storage Environment	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	167.6 × 74.7 × 148.2
Weight (net)	Approx. 0.465KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)
