

CCTV IP / Professional IP cameras

SF-IPD040-4B1-GREY

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Entry-Level B1 IP camera range

Safire's budget series of IP cameras offer features at a very competitive price point that can perfectly cover any basic or entry-level installation. The cameras in this range are available in 2MP and 4MP, have cyber security and VCA functions, which allows for line crossings and area intrusion. In addition, depending on the camera, they have NightColor, Dual Light, IR and white light sensor that can be adjusted according to the customer's preference.



Technical Specification

| Camera | |
|----------------------------|---|
| Image Sensor | 1 / 3 "CMOS |
| Image Size | 2560×1440 |
| Electronic Shutter | 1 / 3s ~ 1 / 100000s |
| Iris Type | Fixed Iris |
| Min. Illumination | 0.03 lux @F1.6, AGC ON; 0 lux with IR |
| Lens | 2.8mm@F1.6, Horizontal FoV: 98°;Vertical FoV:53°;Diagonal FoV:116° 3.6mm@F1.6, Horizontal FoV:80°;Vertical FoV:44°;Diagonal FoV:94° |
| 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°~355°; Tilt:0°~70°;Rotation: 0°~355° |
| Image | |
| Video Compression | Main stream: H.265 / H.264 Sub stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264 / MJPEG |
| H.265 Compression Standard | Main Profile@Level4.1 High Tier |
| Resolution | 4MP (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, 480× 240, CIF |
| Main Stream | 60Hz: 4MP/3MP/1080P/720P(1~30fps); 50Hz: 4MP/3MP/1080P/720P(1~25fps) |
| Sub Stream | 60Hz: 720P/D1/CIF (1~30fps);50Hz: 720P/D1/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 | |

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|----------------------|--|
| Network | RJ45 |
| Video Output | No |
| Audio | No |
| Storage | No |
| Reset | No |
| Functions | |
| Remote Monitoring | Web browser /TVT NVR/NVMS2.X/Mobile APP |
| Web Browser | IE 11 (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 |
| Smart Alarm | Motion detection |
| Smart Event | Region intrusion detection, line crossing detection, abandoned/missing object detection, video exception (scene change, video blur and video cast 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 |
| IR Distance | 20~30m |
| Ingress Protection | IP 67 & IK10 |
| PoE | Yes, IEEE802.3af |
| DORI Distance | |
| Lens | 2.8mm 3.6mm |
| Detect | 56.52m(185.43ft) 71.28m(233.85ft) |
| Observe | 22.61m(74.17ft) 28.51m(93.53ft) |
| Recognize | 11.30m(37.07ft) 14.26m(46.78ft) |
| Identify | 5.65m(18.53ft) 7.13m(23.39ft) |
| Others | |
| Power Supply | DC12V/PoE |
| Power Consumption | < 4W |
| Storage Conditions | - 30 °C ~ 60 °C (-22°F~140°F);Humidity: less than 95 % (non-condensing) |
| Operating Conditions | - 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing) |
| Dimensions (mm) | Ø 110× 83.3 |

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|---------------------------------|---|
| Weight (net) | Approx. 0.5KG |
| Installation | Ceiling mounting (Wall mounting available with the junction box and bracket) |
| Certificate | CE, FCC |
| Environmental Protection | Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006) |