

IP / Professional IP cameras

SF-IPT943HA-2E

Entry-level Professional IP Camera

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.

- 2 Megapixels Resolution
- 1/2.8" High Performance CMOS Sensor
- 2.8 mm Fixed Lens
- H.265+ High Efficiency Video Codec
- Power over Ethernet (POE)
- Built-in Mic for IP AUDIO
- IP67 Weatherproof



Technical Specification

Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR cut filter
Wide Dynamic Range	Digital WDR
Lens	Fixed lens, 2.8 mm
Auto-Iris	No
Aperture	F2.0
FOV	2.8mm: Horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135°
Lens Mount	M12
IR Range	Up to 30 m
Wavelength	850 nm
Max. Resolution	1920 × 1080
Video Compression	Main stream: H.265+/H.265/H.264+/H.264; Sub-stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 8 Mbps
Region of Interest	1 fixed region for main stream and sub-stream
Image Enhancement	BLC, 3D DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule
Main Stream Max. Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-stream Max. Frame Rate	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240); 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users, 3 levels: Administrator, Operator, and User
Client	Safire Control Center, Safire Connect

Web Browser	IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11
Alarm Trigger	Motion detection, video tampering alarm, illegal login
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Firmware Version	5.5.83
General Function	One-key reset, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, □ 5.5 mm coaxial power plug; PoE (802.3af, class 0)
Material	Camera body: metal, bottom base : plastic
Dimensions	Camera: 94.4 × □110 mm (3.7" × □4.3") With package: 150 × 150 × 141 mm (5.9" × 5.9" × 5.6") Camera: Approx. 354 g (0.8 lb.) With package: Approx. 681 g (1.5 lb.)
Power Consumption and Current	12 VDC, 0.4 A, max. 5 W; PoE (802.3af, 36 V to 57 V), 0.20 A to 0.10 A, max. 6.5 W
Interface Protection	Ingress protection: IP66 (IEC 60529-2013)