CCTV IP / Professional IP cameras

SF-IPD540ZA-4E1

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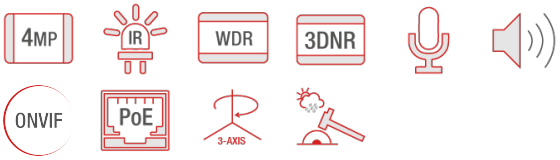
H.265+ ECO Series

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 Dome Camera IP range E1 Artificial Intelligence
- Resolution 4 Megapixel (2566x1440)
- Motorized Lens 2.8~12mm | IR Lens 50m | Microphone | IR [%VAR%]
- AI: Classification of human and vehicle
- Waterproof IP67 and IK10 | PoE (IEEE802.3af)



Technical Specification

Camera	
Image Sensor	1 / 3 "CMOS
Image Size	2560×1440
Electronic Shutter	1/2s ~ 1 / 100000s
Iris Type	Fixed Iris
Min. Illumination	0.005 lux @F1.6, AGC ON; 0 lux with IR
Lens	2.8~12mm@ F1.4
Field of View	Horizontal : 92 °~31 °; Vertical: 48 °~17.2°; Diagonal: 112 °~ 35.6 °
Focus	Motorized
Lens Mount	Ø14
Day&Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Digital NR	Yes
Angle Adjustment	Pan: 0°~345°; Tilt: 0°~77°; Rotation: 0°~345°
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@Leve4.1 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	
Network	RJ45

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

Functions

Remote Monitoring	Web browser /TVT NVR/NVMS2.X/Mobile APP
Web Browser	IE (plug-in required)/Google Chrome/Edge/Firefox/Safari
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 video cast detection), line crossing detection and region intrusion detection
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, corridor pattern
PoE	Yes
IR Distance	30 ~ 50 m
Ingress Protection	IP67&IK10

DORI Distance

Lens	2.8~12mm(W) | 2.8~12mm(T)
Detect	63.99m(209.94ft) | 188.65m(618.93ft)
Observe	25.60m(83.98ft) | 5.46m(247.57ft)
Recognize	12.80m(41.99ft) | 37.73m(123.78ft)
Identify	6.40m(20.99ft) | 18.86m(61.87ft)

Others

Power Supply	DC12V/PoE
Power Consumption	< 7.5W
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)	◘ 141 × 100.2
Weight (net)	Approx. 0.876KG
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)