

IP CCTV / Professional IP cameras / Safire Smart / Dome Cameras

SF-IPD040A-4E1-NIGHT

SAFIRE SMART



Features

- Safire Smart
- Range E1 NightColor X with AI ISP 1/2.9" F1.0
- IP Dome Camera
- 1/2.9" Progressive Scan CMOS
- 4 Megapixel (2688x1520)
- 2.8 mm Lens
- 0 Lux
- Night Color X with AI ISP, color image 24/7 with high clarity and detail
- White LED range 30 m
- Compression H.265+ / H.264+
- 3DNR
- Audio input
- Integrated microphone
- AI: Classification of human and vehicle
- Cross-line count of people and vehicles
- Face detection and capture
- MicroSD up to 512GB
- WEB, CMS, Smartphone and NVR interface
- Dual backup system
- ONVIF Compatible



- PoE (IEEE802.3af)

- Weatherproof IP67

- Vandal proof IK10

Specifications

Brand	Safire Smart
Range	E1 Night Colour X with AI-ISP: (Large sensor 1/2.9" and super aperture F1.0))
Image sensor	1/2.9" Progressive Scan CMOS
Maximum resolution	4 Megapixel (2688x1520)
Minimum illumination	Night Color: 0.0005 Lux @(F1.0, AGC ON) Color Image 24/7h
White LED Range	30 m
Day/Night	Removable mechanical ICR filter
Electronic Shutter	1/3~1/100.000 s
Resolution	4Mpx (2688x1520), 2K (2560x1440), 1080P (1920x1080), 720P (1280x720), D1, VGA (640x480), 640x360, CIF, 480x240
Main Stream rate	25 FPS (4Mpx, 2K, 1080P)
Extra Stream rate	25 FPS (720P, D1, VGA, 640x360, CIF)
Third Stream Rate	25 FPS (720P, D1, VGA, 640x360, CIF)
Compression	H.265+ / H.265 / H.264+ / H.264
Bitrate	32 Kbps ~ 8 Mbps
Lens	2.8 mm (F1.0)
Viewing Angle (FOV)	H: 99°, V: 53°, D: 116°
Range performance	58 m (D), 21 m (O), 10 m (R), 5 m (I)
Image improvements	ROI (Each ROI can be adjusted separately), saturation, brightness, hue, contrast, dynamic range, sharpness, flip & mirror, 3D-DNR,
EIS (Electronic Image Stabilizer)	Yes
Motion Detection	Yes SMD (Smart Motion Detection): Intelligent motion detection with human and vehicle detection
Smart Features	Artificial Intelligence based on human and vehicle classification on: Area Intrusion, Line Crossing, Entry Region, Exit Region
	Count of targets (human and vehicles) on line crossings
	Face detection and capture
	Other smart events: dropped object, removed object, Video exceptions (change of scene, video loss, ...)

Audio	Built-in microphone, 1 Input
Audio Compression	G711A / U
Network interface	Ethernet 10 / 100M BaseT
Internal memory	MicroSD card up to 512GB
Remote access	Web Browser, Smartphone App Safire Smart, PC Software Safire Smart VMS Lite
Interoperability	ONVIF / RTSP
Security	Encrypted video, encrypted firmware, encrypted HTTPS, encrypted configuration, illegal login blocking, IP address filtering, 802.1X, HTTP/RTSP authentication by token or basic HTTP/RTSP authentication
Disarming function	Yes
Other functions	Watermark, Privacy Mask, Heartbeat, Image Distortion Correction, Corridor Mode, ANR
Power	DC 12 V / 1.85A max. / 6.5 W max. / IEEE802.3af PoE
Degree of protection	Weatherproof IP67, Anti-vandal IK10
Material	Metallic
Temp. operation	-30° C ~ +60° C
Dimensions	111.6 (Ø) × 99.6 (H) mm
Weight	616 g