

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

SF-IPD040A-4I1-NIGHTPRO

SAFIRE SMART



Features

- Safire Smart
- Range I1 with AI-ISP 1/1.8" F1.0
- IP Dome Camera
- 1/1.8" Progressive Scan CMOS
- 4 Megapixel (2688x1520)
- 2.8 mm Lens
- 0 Lux
- Night Color with AI ISP
- White LED range 30 m
- Compression H.265+ / H.264+
- 3DNR
- Audio input
- Integrated microphone
- Advanced Artificial Intelligence: human, vehicle and non-motorized vehicle detection
- Facial Capture
- Video metadata
- Human, vehicle and non-motorized vehicle counts
- EIS
- MicroSD card up to 1TB
- Alarms

- Dual backup system
- ONVIF Compatible
- PoE (IEEE802.3af)

- Weatherproof IP67
- Anti-vandal IK10
- P2P

Specifications

Brand	Safire Smart
Range	I1 Night Colour X with AI-ISP: (Large sensor 1/1.8" and super aperture F1.0))
Image sensor	1/1.8" Progressive Scan CMOS
Maximum resolution	4 Megapixel (2688x1520)
Minimum illumination	Night Color: 0.0001 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: 112°, V: 61°, D: 132°
Range performance	52 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

Advanced Artificial Intelligence based classification of human, vehicle and non-motorized vehicle based on: Area Intrusion, Line Crossing, Entry Region, Exit Region

Face Detection and Face Capture

Counting of people, vehicles and non-motorized vehicles

Smart Features

Feature extraction:

- Human: Up to 13 characteristics
- Vehicle: Up to 5 characteristics
- Non-motorized vehicle: Up to 1 characteristics

Other smart events:

- Abandoned object
- Object removed
- Loitering detection
- Illegal parking detection

Audio	Built-in microphone, 1 Input
Audio Compression	G711A / U
Network interface	Ethernet 10 / 100M BaseT
Internal memory	MicroSD card up to 1TB
Remote access	Web Browser, Smartphone App Safire Smart, PC Software Safire Smart VMS Lite
Interoperability	ONVIF / RTSP
Alarms	1 Input / 1 Output
Security	Encrypted video, encrypted firmware, encrypted HTTPS, encrypted configuration, illegal login blocking, IP address filtering, 802.1X, HTTP/RTPS authentication by token or basic HTTP/RTPS authentication
Disarming function	Yes
Other functions	Watermark, Privacy Mask, Heartbeat, Image Distortion Correction, Corridor Mode, ANR
Power	DC 12 V / 1.85A max. / 7W max. / IEEE802.3af PoE
Degree of protection	Waterproof IP67 / Vandalproof IK10
Material	Metallic
Temp. operation	-30° C ~ +60° C
Dimensions	119 (Ø) × 87.8 (H) mm
Weight	640 g