

IP CCTV / Professional IP cameras / Safire Smart / Turret cameras

# SF-IPT020A-4I1-NIGHTPRO

SAFIRE SMART



## Features

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- Safire Smart
- Range I1 with AI-ISP 1/1.8" F1.0
- Turret IP 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
- P2P

## Specifications

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<b>Brand</b>	Safire Smart
<b>Range</b>	I1 Night Colour X with AI-ISP: (Large sensor 1/1.8" and super aperture F1.0))
<b>Image sensor</b>	1/1.8" Progressive Scan CMOS
<b>Maximum resolution</b>	4 Megapixel (2688x1520)
<b>Minimum illumination</b>	Night Color: 0.0001 Lux @(F1.0, AGC ON) Color Image 24/7h
<b>White LED Range</b>	30 m
<b>Day/Night</b>	Removable mechanical ICR filter
<b>Electronic Shutter</b>	1/3~1/100.000 s
<b>Resolution</b>	4Mpx (2688x1520), 2K (2560x1440), 1080P (1920x1080), 720P (1280x720), D1, VGA (640x480), 640x360, CIF, 480x240
<b>Main Stream rate</b>	25 FPS (4Mpx, 2K, 1080P)
<b>Extra Stream rate</b>	25 FPS (720P, D1, VGA, 640x360, CIF)
<b>Third Stream Rate</b>	25 FPS (720P, D1, VGA, 640x360, CIF)
<b>Compression</b>	H.265+ / H.265 / H.264+ / H.264
<b>Bitrate</b>	32 Kbps ~ 8 Mbps
<b>Lens</b>	2.8 mm (F1.0)
<b>Viewing Angle (FOV)</b>	H: 112°, V: 61°, D: 132°
<b>Range performance</b>	52 m (D), 21 m (O), 10 m (R), 5 m (I)
<b>Image improvements</b>	ROI (Each ROI can be adjusted separately), saturation, brightness, hue, contrast, dynamic range, sharpness, flip & mirror, 3D-DNR,
<b>EIS (Electronic Image Stabilizer)</b>	Yes
<b>Motion Detection</b>	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

<b>Audio</b>	Built-in microphone, 1 Input
<b>Audio Compression</b>	G711A / U
<b>Network interface</b>	Ethernet 10 / 100M BaseT
<b>Internal memory</b>	MicroSD card up to 1TB
<b>Remote access</b>	Web Browser, Smartphone App Safire Smart, PC Software Safire Smart VMS Lite
<b>Interoperability</b>	ONVIF / RTSP
<b>Alarms</b>	1 Input / 1 Output
<b>Security</b>	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
<b>Disarming function</b>	Yes
<b>Other functions</b>	Watermark, Privacy Mask, Heartbeat, Image Distortion Correction, Corridor Mode, ANR
<b>Power</b>	DC 12 V / 1.85A max. / 7W max. / IEEE802.3af PoE
<b>Degree of protection</b>	Weatherproof IP67
<b>Material</b>	Metallic
<b>Temp. operation</b>	-30° C ~ +60° C
<b>Dimensions</b>	111.6 (Ø) × 99.6 (H) mm
<b>Weight</b>	616 g