

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

# SF-IPT020A-8E1-NIGHTPRO

## SAFIRE SMART



## Features

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- Safire Smart
- Range E1 with AI-ISP 1/1.8" F1.0
- Turret IP Camera
- 1/1.8" Progressive Scan CMOS
- 8 Megapixel (3840x2160)
- 2.8 mm Lens
- 0 Lux
- Night Color X with AI ISP
- 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 1TB
- Dual backup system
- ONVIF Compatible
- PoE (IEEE802.3af)



• Weatherproof IP67

• P2P

## Specifications

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<b>Brand</b>	Safire Smart
<b>Range</b>	E1 Night Colour X with AI-ISP PRO: (Large sensor 1/1.8" and super aperture F1.0))
<b>Image sensor</b>	1/1.8" Progressive Scan CMOS
<b>Maximum resolution</b>	8 Megapixel (3840x2160)
<b>Minimum illumination</b>	Night Color: 0.0005 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>	8Mpx (3840x2160), 6Mpx(3200x1800), 4Mpx (2688x1520), 2K (2560x1440), 1080P (1920x1080), 720P (1280x720), D1, VGA (640x480), 640x360, CIF, 480x240
<b>Main Stream rate</b>	20FPS (8Mpx) 25 FPS (4Mpx, 2K, 1080P)
<b>Extra Stream rate</b>	25 FPS (1080P, 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 ~ 12 Mbps
<b>Lens</b>	2.8 mm (F1.0)
<b>Viewing Angle (FOV)</b>	H: 110°, V: 59°, D: 129°
<b>Range performance</b>	76 m (D), 30 m (O), 15 m (R), 7 m (I)
<b>Image improvements</b>	ROI (Each ROI can be adjusted separately), saturation, brightness, hue, contrast, dynamic range, sharpness, image flip (Flip & Mirror), 3D-DNR, BLC, HLC
<b>EIS (Electronic Image Stabilizer)</b>	Yes
<b>Motion Detection</b>	Yes SMD (Smart Motion Detection): Intelligent motion detection with human and vehicle detection
<b>Smart Features</b>	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, ...)

<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 MAX, PC Software Safire Smart VMS Lite
<b>Interoperability</b>	ONVIF / RTSP
<b>Security</b>	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
<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 / 625mA max. / 7.5 W 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 (?) x 80.3 (H) mm
<b>Weight</b>	625 g