

IP CCTV / IP solutions / Perimeter protection

SF-IPTB640A-25D5

SAFIRE SMART



Features

- Safire Smart
- Thermal Bullet Dual IP Camera
- Thermal sensor 12 μm 640x512 Vox
- Lens 25 mm (thermal)
- Temperature measurement range -20°C~150°C (±8°C)
- Thermal sensitivity 35 mK
- Optical sensor 1/2.7" Progressive Scan CMOS
- 5 Megapixel (2592x1944)
- Lens 12 mm (optical)
- Color 0.03 Lux@(F2.0, AGC ON)
- IR Range 70 m
- WDR (120 dB)
- 3D-DNR
- H.265 / H.264
- RJ-45 10/100 BaseT
- PoE IEEE802.3af
- Audio
- Alarms
- Artificial Intelligence based on morphological classification of humans and vehicles
- Preventive fire detection and alarm

- Built-in flash and siren deterrent alarm
- MicroSD card slot up to 256 GB
- WEB, CMS, Smartphone and NVR interface
- ONVIF Compatible
- Weatherproof IP66

Specifications

Brand	Safire Smart
Range	Thermal
Thermal sensor	Vanadium Oxide
Thermal sensor resolution	640x512
Optical sensor	1/2.7" Progressive Scan CMOS
Optical sensor resolution	5 Megapixel (2592x1944)
Main Stream rate	Thermal: 25 fps (640x512, the resulting output image is 720P) Optic: 25 fps (5MPx, 4MPx, 2K, 3MPx, 1080P, 720P)
Extra Stream rate	Thermal: 25 fps (640x512, the resulting output image is 720P) Optic: 25 fps (720P, D1, CIF)
Third Stream	Thermal: 25 fps (640x512, the resulting output image is 720P) Optic: 25 fps (D1, CIF, 480x240)
Compression	H.265 / H.264 / MJPEG
Lens	25 mm (Therm) / 12 mm (Opt)
Viewing angle	Thermal: 17.5° (H) x 14° (V) Optic: 26.6° (H) x 19.3° (V)
Infrared lighting	70m
DORI (Thermal)	Human : 1042 m (D), 260 m (R), 130 m (I) Vehicle: 3194 m (D), 799 m (R), 399 (I)
Temperature measurement	Object 2m x 2m: 107m Object 1m x 1m: 53m
Fire detection	Object 2m x 2m: 267m Object 1m x 1m: 133m
Thermal sensitivity	? 35mK (@25°C)
Thermal measurement range	-20 ~150 °C / ± 8 °C
Spectral range	8~14 ?m
Pitch detector	12 ?m
Basic functions	Motion detection, microSD error, microSD full, microSD full, IP conflict, cable connection status
Temperature rules	Even 10 rules (10 points, 2 areas and 2 line)
Temperature alarm	High temperature, Low temperature
Fire detection	Dynamic fire detection with detection up to 10 points

Smart Features

Optic:

- Intrusion detection / entry / exit in the region / line crossing detection (classification of persons/motorized vehicles/non-motorized vehicles)
- Target count per line/area (classification of persons/motorized vehicles/non-motorized vehicles)
- Face detection
- Illegal parking detection
- Loitering detection,
- Abandoned/lost object detection.

Thermal:

- Fire detection,
- Temperature exception alarm
- Intrusion/entry/exit detection in the region/line crossing detection (classification of persons/motorized vehicles)

AI function can be activated simultaneously on thermal and optical channels.

Audio	1 input / 1 line level output 600 ohm / 1 Loudspeaker
Audio Compression	G.711 A/U
Alarms	4 inputs / 4 relay
Deterrent alarm	Siren and flash integrated in the camera
Internal memory	MicroSD card slot up to 256 GB
Network interface	Ethernet 10/100M BaseT
Remote access	Web Browser, NVR and PC Software Safire Smart Center
Interoperability	ONVIF
Power	DC 12 V, 0.7 A, 9 W max. PoE IEEE802.3af
Temp. operation	-30° C ~ +60° C
Degree of protection	Weatherproof IP66
Dimensions	88.7 (H) x 100.2 (W) x 278.3 (D) mm
Weight	1180 g