

SF-IPTB256A-3D5

Safire Smart Dual Bullet IP Thermal
Camera

Thermal sensor 256x192 VOx | Lens
3.2 mm

Optical sensor 1/2.7" 5 MP | 4 mm
Lens

Thermal sensitivity ? 50mK

AI based on human and vehicle
classification

Temperature measurement range -
20~150°C / $\pm 8^{\circ}\text{C}$



Safire Smart

Thermal Range

Thermal Bullet Dual IP Camera

Thermal sensor 256x192 Vox

Lens 3.2 mm (thermal)

Temperature measurement range -20°C~150°C ($\pm 8^{\circ}\text{C}$)

Thermal sensitivity ?50 mK

Optical sensor 1/2.7" Progressive Scan CMOS

5 Megapixel (2592x1944)

Lens 4 mm (optical)

Color 0.02 Lux@(F1.6, AGC ON)

IR Range 30 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	256x192
Optical sensor	1/2.7" Progressive Scan CMOS
Optical sensor resolution	5 Megapixel (2592x1944)
Main Stream rate	Thermal: 25 fps (256x192, the resulting output image is 720P) Optic: 25 fps (5MPx, 4MPx, 2K, 3MPx, 1080P, 720P)
Extra Stream rate	Thermal: 25 fps (256x192, the resulting output image is 720P) Optic: 25 fps (720P, D1, CIF)
Third Stream	Thermal: 25 fps (256x192, the resulting output image is 720P) Optic: 25 fps (D1, CIF, 480x240)
Compression	H.265 / H.264 / MJPEG
Lens	3.2 mm (Therm) / 4 mm (Opt)
DORI (Thermal)	Human : 133 m (D), 33 m (R), 17 m (I) Vehicle: 409 m (D), 102 m (R), 51 (I)
Viewing angle	Thermal: 56° (H), 42.2° (V) Optic: 81° (H), 56.7° (V)
Thermal sensitivity	? 50mK (0.05 ° 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	Thermal: Advanced Artificial Intelligence: Classification of human and vehicle on: Area Intrusion and Line Crossing Optic: Advanced Artificial Intelligence: Classification of human, vehicle and non-motorized vehicle over: Area Intrusion and Line Crossing Face Detection and Face Capture Counting of people, vehicles and non-motorized vehicles Video exceptions (scene change, video loss, ...)
Audio	1 input / 1 line level output 600 ohm
Audio Compression	G.711 A/U
Alarms	1 inputs / 1 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	80.3 (H) x 80.5 (W) x 217.8 (D) mm

Weight

700 g