

# Artificial Intelligence Thermal Screening Camera



### Features:

- High sensitivity thermal module with 256 x 192 resolution
- NETD is less than 60 Mk (@25° C, F#=1.0)
- Supports contrast adjustment
- Leading thermal image processing technology: Adaptive AGC, DDE, 3D DNR
- Up to 15 palettes of adjustable color
- Reliable temperature-anomaly alarm
- Temperature Range -15°C ~ 150°C
- Body Temperature Range 35°C ~ 50°C
- High quality optical module with 2 MP resolution
- Bi-spectrum image fusion, picture-in-picture preview Support for capture and save in PC of Personnel in and out

SPECIFICATION	S-TIC100
Image Sensor	Vox Uncooled Focal Plane Arrays
Resolution	256x192
Pixel Interval	12pm
NETD	Less than 60 mK (@25°C.F#=1.1)
Aperture	F1.0
Field of View	35° x 27° (H x V)
Image Sensor	1/2.8" 2.0M Pixel CMOS
Resolution	1920x1080P
Min. Illumination	Color: 0.005Lux @ (F1.2, AGC ON), B/W 0.001@ (F1.2)
Field of View	8A4G°Cx O45N°)(H x V)
Focal Length	4mm
Shutter Speed	1s ~ 1/100,000s
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Daylight Lamp/Sodium Lamp
Day& Night	Model IR cut filter with auto switch
WDR	80 dB
Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical
Picture in Picture	Combines details of thermal and optical image PIP, overlay thermal image on optical image
Face snapping	Built-in deep learning AI algorithm, Supports simultaneous detection of 20-30 faces
Temperature Measurement	Support global and local temperature
Temperature Range	-15°C ~ +150°C
Body Temperature Range	35°C ~ + 50°C
Temperature Accuracy	Target temperature 35°C A 38°C ±0.3 °C , 20°C A 33°C ±0.6 °C , 38°C A 50°C ±0.6 °C
Power	DC 12V, 0.65A
Work Temperature/Humidity	25°C to 40°C; Humidity: 80% (Indoor)



Airport



Metro



Commercial Building



School