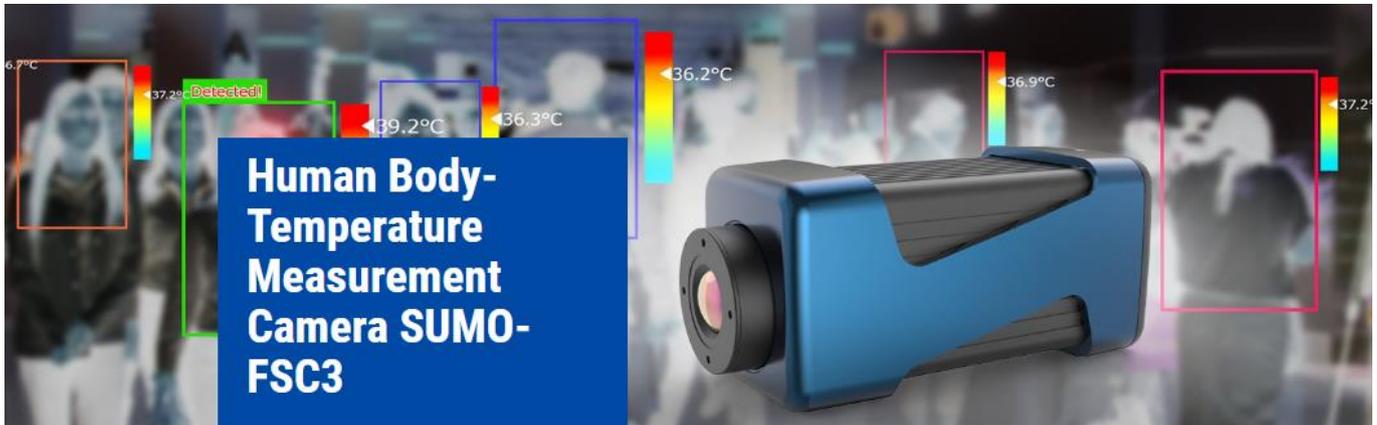# Fever/thermal screening camera – version for tripod applications

SUMO-FSC3 Thermal Imaging Camera is an automatic, non-contact temperature imaging device for high-precision measurement and rapid human body-temperature control.

With the patented intelligent compensated temperature measurement algorithm, the system can screen people with high body-temperature and alarm in Aisle of Airport/Railway station/Bus station/Customs/Hospital/Company/School/Supermarket etc., supporting for epidemic prevention work strongly.

Key specification

- Resolution: 384 x 288
- High accuracy: ≤0.3 °C
- Measurement range: 0 to 60 °C
- Measurement distance: 1 to 5 m
- Alarm response time: ＜0.5 s

SUMO-FSC3 - HUMAN BODY-TEMPERATURE MEASUREMENT CAMERA	
Detector	
Detector	VOx uncooled thermal FPA
Resolution	384 x 288
Temperature Measurement	
Temeperature Range	0 °C to 60 °C
Measurement Accuracy	±0.3 °C @ 33 °C to 42 °C of target temperature
Measurement Tools	Spots - Highest/lowest spot of frame Central Spot - Line/Area Isotherm - Temperature width selecting
Ethernet	
Protocol	TCP, UDP, ICMP, IGMP, DHCP, RTSP
Connector	RJ-45
Image Adjustment	
Brightness, Contrast Adjustment	Manual/Auto0(default)/Auto1
Polarity	Black hot/white hot
Palette	Support 18 palettes
Image Flip	Left-right/up-down/diagonal
ROI	Support
Lens	
Focal Length	7,8 mm/13 mm/15 mm/19 mm
Focus	Auto focus/manual focus
Power Supply - Network	
Power Voltage	10 to 36 V DC
Typical Consumption @ 25 °C	≤3 W
Power Protection	Support over-voltage, under-voltage, reverse connection protection
POE	Support
Physical Character	
Dimensions (W x D x H)	55 x 55 x 119 mm
Environmental Conditions	
Operating Temperature	-10 °C to 60 °C
Storage Temperature	-20 °C to 65 °C
Shock	30 g, 11 ms, all axes
Vibration	4,3 g random vibration, all axes
Humidity	5 % to 95 %, non-condensing
Software Support	
SDK	Support
Professional Analysis Software	Support