

# EDT-SS

## Early Detection & Temperature Screening System



### Features:

- Non-contact temperature recordings paired, stored and matched to facial recognition.
- Generates pass/fail results for mask or no mask and any temperature above set point.
- Temperature range: 86°F to 113°F, accuracy:  $\pm 0.54^\circ\text{F}$
- Support temperature data SDK and HTTP protocol integration with third party platform.
- Information automatically logged.
- Professional face recognition algorithm with high accuracy & recognition time under .5 seconds.
- Wide dynamic range  $\geq 80\text{dB}$

- Linux operation system.
- Windows/Linux SDK and HTTP protocol.
- 8 inch IPS high resolution display.
- IP34 compliant.
- MTBF > 50000 H
- Supports 22400 images in database and 100000 face recognition records
- Supports one Wiegand input and output.
- Anti-fog, 3D noise reduction, BLC, stabilizer, and adjustable white balance to fit for different application requirements.
- Speaker support (Human temperature normal/high alarm, face recognition pass / fail result)
- 32°F- +122°F working temperature.

### Specification:

Model	EDT-SS
<b>Hardware</b>	
Chipset	Hi3516DV300
System	Linux operation system
RAM	16G EMMC
Image sensor	1/2.7" CMOS
Lens	4mm
<b>Camera Parameters</b>	
Effective pixel	2Mega pixel, 1920*1080
Min. lux	Color 0.01Lux @F1.2(ICR);B/W 0.001Lux @F1.2
SNR	≥50db(AGC OFF)
WDR	≥80db
<b>Face Recognition</b>	
Height	1.2-2.2 M, angle adjustable
Distance	1.64 - 9.84 ft.
View angle	Vertical ±30 degree
Reco. Time	<500ms
Function	Support 22400 faces database and 100000 records

Temperature	
Range	86°F - 113°F
Accuracy	±0.54°F
Distance	≤ 1.64 ft.
Response time	< 300ms
Interface	
Internet interface	RJ45 10M/100M Ethernet
Weigand port	Support input/output 26 and 34
Alarm output	1channel relay output
USB port	1USB port (Can be connected to ID identifier)
General	
Power input	DC 12V/3A
Power consumption	20W(MAX)
Working temperature	32°F - 122°F working temperature.
Humidity	5~90%, non-condense
Dimension	6.06(W) 3.50(H) 14.22(L) inch
Weight	4.62 lbs.

### Interface:

