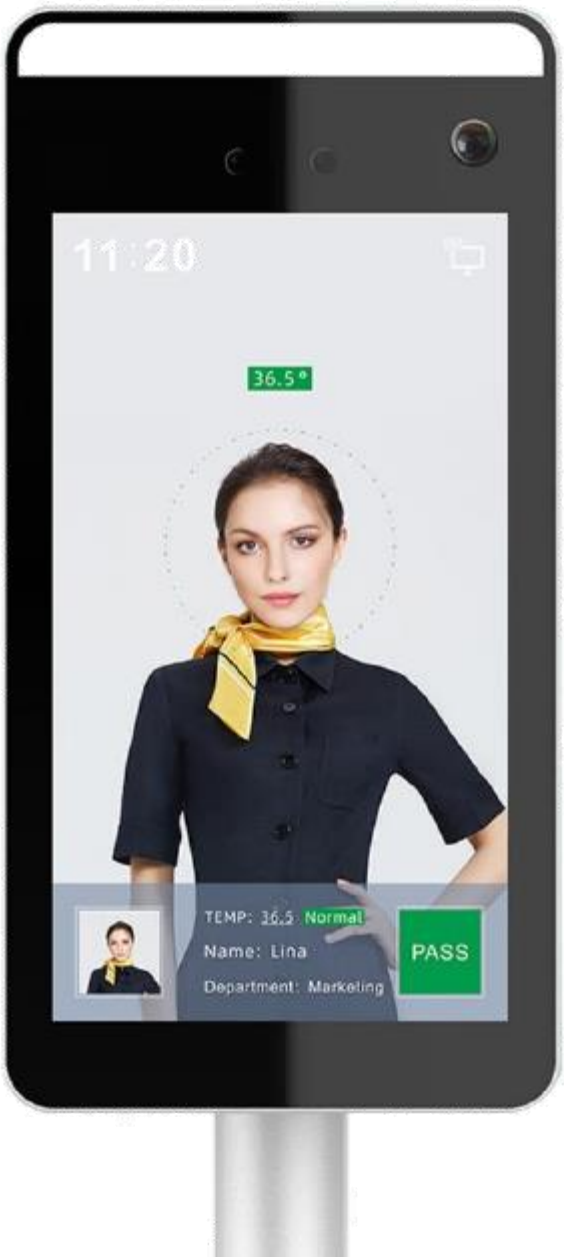
EN7-S02T

Innovative device for Human body temperature measurement



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INTRODUCTION

EN7-S02T is AI ultra-precision human body temperature measuring system that guarantees high-performance, high-reliability.

Based on thermal imaging technology and relying on deep learning algorithms, it has fast recognition speed, high accuracy, and fast capture the face information for a 1: N comparison.

During face recognition, the human body temperature will be collected for temperature measurement.

It can be used with personnel passages to achieve the rapid movement of personnel and the control of entry and exit of personnel, maximizing the efficiency of epidemic prevention.

Thanks to Wiegand 26/34766 protocol (that will be implemented soon) and network connection can be integrated into your access control system. Please call our service to define details.

ADVANTAGES

1. The traditional temperature measuring guns need to be held by a person reducing efficiency;

2. All-in-one face temperature measuring machine, automatic temperature measurement by facial scanning, saving manpower and improving the efficiency;

3. People without masks can be accurately detected;

4. Automatically record abnormal temperature information of the human body and automatically count relevant person;

5. Adopt deep learning algorithm, support 30,000 face database, 200ms speed recognition, to achieve the rapid movement of personnel;

6. Support data network upload, the device comparison results and snapped photos can be uploaded to the platform for real- time storage, and data can be continuously uploaded even if the network is off.

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TECHNICAL SPECIFICATIONS

Model number:	EN7-S02T
Cameras:	2MP
Temperature detector:	Thermal image processing, Sony sensor
O.S.:	Linux
Display:	7” IPS HD 1024 x 600, 300 CD/m2
Interfaces:	RS485, RS232, RJ45, relay
Output Fill light lamp:	Infrared light, white light
Rated voltage:	12VDC – 12W
Panel size:	219 x 111 x 21.5 mm
Stand:	33 x 189 mm
Protection:	IP66
Weight:	2,3Kg (AN7-A110 = 24Kg)

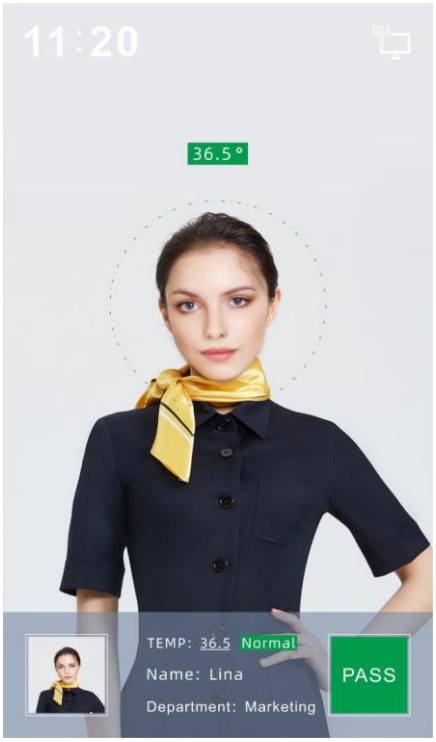
FUNCTIONAL SPECIFICATIONS

Temperature measuring distance:	0,5 – 1,0 m (0,75 m suggested distance)
Best face recognition distance:	0,5 – 2,2 m
Temperature accuracy:	±0,3°C 36°C – 40°C
Detection range:	30.000
Human face capability:	99,5%
Identification accuracy:	200 ms
Recognition speed:	Standard glasses are allowed
Tolerance:	IPv4.
Protocols:	TCP/IP, HTTP

OPERATIVE CONDITIONS

Operating temperature:	-20°C – 50°C
Working humidity:	10%-90% no condensation
Suggested inclination:	5° - 15°


21.5 mm
111 mm
320 mm
219 mm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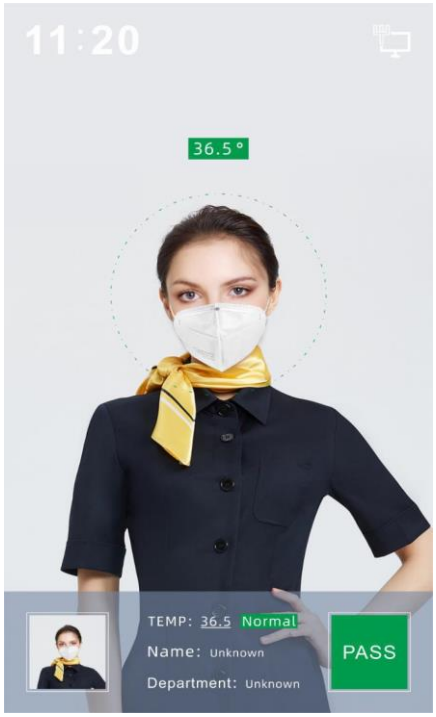
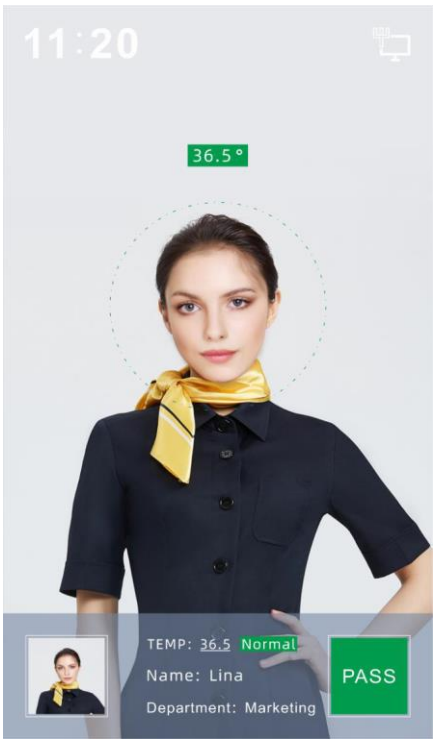
36.5°
TEMP: 36.5 Normal
Name: Lina
Department: Marketing
PASS


11:20
36.5°
TEMP: 36.5 Normal
Name: Unknown
Department: Unknown
PASS


Thermal
sensore
LED
Camera
Display
Speakers



MODELS

EN7-S02T Innovative device for Human body temperature measurement
EA7-A003 table bracket
EA7-A060 floor pole bracket, 60 cm
EA7-A110 floor pole bracket, 110 cm

NOTE: EN7-S02T is not a medical device, is not a clinical thermometer and is not compliant with Directive 93/42/CEE.