

iT100-THM

iT100 with thermal sensor

iT1-THM



Iris / Face Fusion



Counter measures



Accurate Temperature Detection



Non-contact Automatic



iT100

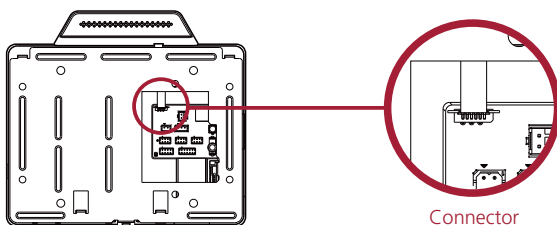
Specifications

Dimensions (W x H x D)	180mm x 162mm x 30mm (7.1" x 6.4" x 1.2")	Matching Speed	Less than 1 sec
Weight	1.3lbs (577g)	Tilt	Auto Range: -25° ~ +25°
Power Input / Consumption	12 - 24 VDC (auto - +/- 500 mv ripple voltage industry standard) / Max. 30watt	CPU	Cortex A-53 Octa Core
OS	Android OS 7.1	Algorithm	IrisCapture / DualEyeInfo™ / Countermeasure / Face Matching
User Interface	Self-guidance with displayed images on LCD	Real Time Clock	Internal battery
Operation	Iris and or Face, Face + Iris Fusion	Proximity detection	ToF Sensor
User Capacity	Up to 5,000 1:N, 100,000 1:1 users	Certifications	CE, FCC, KC, Eye Safety, UL294
Transactions	Number of transaction logs on device DB: 1M (Iris) / 100,000 (Face)	Operating Range	Iris Camera: 30 ~ 60cm (12~24") / Face Camera: 30~80cm max (12~32")
Encryption	AES256	Temperature	Operating: 0 ~ 45°C (32 ~ 113°F) / Storage: -20 ~ 90°C (-4 ~ 194°F)
Thermal Sensor Technology	IR Thermometer	Connectivity	Ethernet or Wi-Fi (optional) Relay
Thermal Sensor Field of View	35 x 55 Degree	Upgradable Hardware	Weigand, GPI, Serial Interface, External Card Reader

Precautions for use

1. Locate one's face at the center axis of iT100.
2. The temperature measurement range from the faceplate of iT100: 30 ~ 60cm (11.8" ~ 23.6")
3. Do not move while measuring the temperature.
4. Mask, glasses and hat covering parts of face can make the error in measuring temperature.
5. Avoid the places for iT100 installation where the environmental temperature varies a lot.
6. Avoid the ambient intense lights such as sunlight or halogen lamps shined to iT100 while measuring temperature.

Installation



Connector

