

# IES 50

## Intelligent Entry Scanner



The Tidel IES 50 is an all in one, intelligent entry control device designed to support the decision of whether or not to allow personnel to enter a facility. Powered by a high-performance AI processor, the IES 50 is able to quickly process facial recognition and also approximate the surface temperatures of objects and personnel.<sup>1</sup> The IES 50 can also rapidly detect a facial profile, even when that person is wearing a mask. Its compact footprint, accuracy, speed, and simple deployment make it an ideal access control solution for various environments, including retail, quick serve restaurants, convenience stores, grocery, business parks, university campuses, hotels, correctional facilities, warehouses, and factories.



**Rapid Identification**



**Automatic Alarm**



**Accurate Measurement**



**Non-Contact Interaction**



**Wireless Connection**

<sup>1</sup> The IES 50 is able to approximate the surface temperature of subjects for the purpose of assisting in the controlling of access to a facility. If a temperature is identified that appears to be outside a specified range, additional inquiry will be needed to determine the cause. That inquiry may or may not include seeking medical attention from a health care provider. The IES 50 is not a medical device and has not been evaluated by the Food and Drug Administration. The IES 50 is not intended for use in the diagnosis of disease or other conditions or in the cure, mitigation, treatment, or prevention of disease.

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## Intelligent Entry Scanner

### FEATURES

- Automatic verification of an individual prior to them entering a facility
- Automatic alarms when out of range measurements are identified
- Accurate facial recognition even when wearing a protective mask
- Wi-Fi connectivity option for enhanced data transmission
- RFID card reader support
- Enterprise level deployment capability

### APPLICATIONS



Access Control



Attendance Logging



Visitor Management

### SPECIFICATIONS

System Specifications	Operating system	Embedded Linux
	Display	8 inch In-Plane Switching (IPS) display
	Sensor	1/2.7 inch CMOS sensor
	Resolution	1280 x 800
	Lens	0.11" (2.8mm) fixed focus HD camera; thermographic camera
	Fill light	Low power LED fill light
Face Recognition	Speed	<300ms
	Distance	19.69 - 78.74" (500 - 2,000mm)
Temperature Measurement	Distance	19.69 - 39.37" (500 - 1,000mm)
	Precision	±0.9°F or ±0.5°C
	Visible light	200M pixels
	Range	68°F - 122°F (20°C - 50°C)
Installation Data	Installation Options	Gate-stand, floor-stand, wall-mount
	Ports	RJ45 connector
		RS 485
		Standard Wiegand connector (34/26)
		Additional Ports: 3 input, 1 output
Dimensions	14.38" x 5.13" x 1" (365mm x 130mm x 25mm)	
Weight	3.3 lbs. (1.5kg)	
Environment & Power	Power	DC12V
	Working temperature	-4°F to 140°F or -20°C to 60°C
	Working humidity	10 - 90% RH (no condensation)
Certifications	ETL, FCC	
Warranty	1 year parts warranty	