

RevFace 10 [TI]

Facial Recognition and Thermal Imaging Terminal
with Mask Detection



RevFace 10 [TI]

Compatible with
ZKBio Access



Facial
Recognition



Wide Pose Angle
Acceptance



Masked Face



Temperature
Detection

RevFace10 [TI] is designed based on the latest facial recognition algorithm and ZKTeco's customized CPU for running intelligent engineering facial recognition algorithms.

With the support of the mighty computing power and facial recognition algorithm, the terminal also integrates large resolution thermal imaging modules with Computer Vision facial recognition system.

RevFace10 [TI] realizes fast and accurate biometric authentication approval coupled with detection and alerts for users not wearing masks and those with abnormal body temperature. It also improves the efficiency of crowd screening in public places.

Features

- Unrivaled facial recognition speed (less than 0.2 seconds per face)
- 2MP starlight CMOS sensor camera with WDR function, supporting automatic adjustment according to the light exposure condition to provide accurate and detailed images in areas of contrasting light intensity
- Wide range of working temperature: 16°C ~ 35°C (60.8°F ~ 95°F)
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack, and 3D mask attack
- Compatible with different turnstiles of ZKTeco and the third parties
- Mask detection; facial verification available with masks
- Body temperature detection angle up to $\pm 25^\circ$

Special Functions

- Mask Detection
- Body Temperature Detection
- Temperature Measurement Distance: 30cm ~ 120cm (0.98ft ~ 3.94ft)
- Temperature Measurement Accuracy: $\pm 0.3^\circ\text{C}$ ($\pm 0.54^\circ\text{F}$)
(tested in a distance of 80cm or 2.63ft under 25°C or 77°F environment)
- Temperature Measurement Range: 20°C ~ 50°C (68°F ~ 122°F)
- Working Temperature: 16°C ~ 35°C (60.8°F ~ 95°F)

* The temperature measurement data is for reference only, and not for any medical purpose.

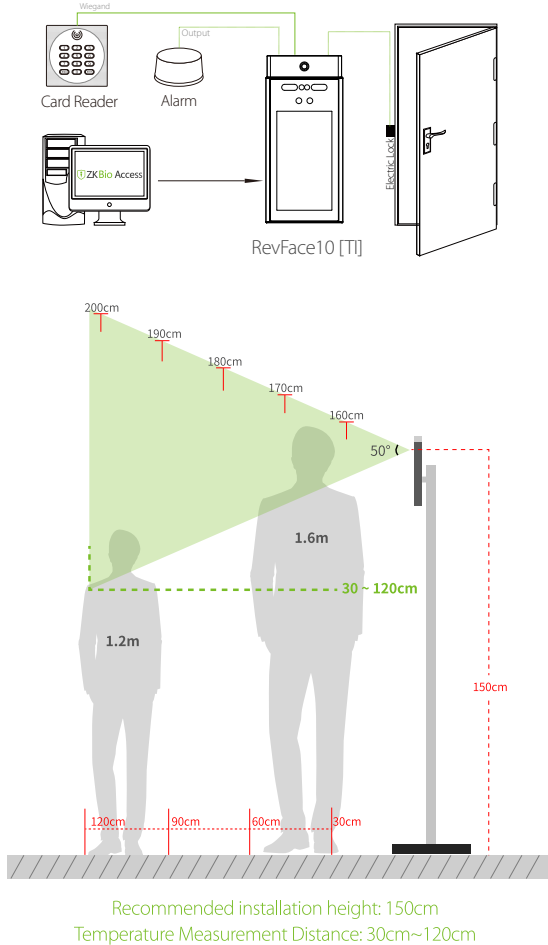
* It is advised to use the product indoor without wind.

* This product is not suitable for intense light and high-temperature environments.

Specifications

Display	7" Non-touch Screen
Face Capacity	10,000; 20,000 (Optional)
Transactions	200,000
Operation System	Linux
Communication	TCP/IP, WiFi, Wiegand Input / Output
Access Control Interface	3rd-Party Electric Lock, Alarm Output
Temperature Sensor	Uncooled Focal Plane
Sensor Resolution	120 x 90 pixels
Temperature Measurement Point	Forehead
Temperature Measurement Response Time	≤100ms
Temperature Measurement Distance	30cm ~ 120cm (0.98ft ~ 3.94ft)
Temperature Measurement Accuracy	±0.3°C (±0.54°F)
Temperature Measurement Range	20°C ~ 50°C (68°F ~ 122°F) (Best performance: 28°C ~ 42°C or 82.4°F ~ 107.6°F)
Working Temperature	16°C ~ 35°C (60.8°F ~ 95°F)
Dimensions	119.94*354.6*83.7mm (4.72*13.96*3.29in) 119.94*266.5*27.7mm (4.72*10.49*1.09in)
Software	ZKBioAccess / Built-in WebServer

Configuration



Dimensions (mm)

