Super Face V10-N Series

Face & Palm Verification and Body Temperature Detection Terminal

ZKTeco

Compatible with ZKBio Access

| Palm | Face | Temperature and Mask Detection |

SuperFace V10N Series is a fully upgraded version of the SuperFace V10N Visible Light Facial Recognition Terminal, using intelligent engineering facial recognition algorithms and the latest computer vision technology. It supports both facial and palm verification with large capacity and speedy recognition, as well as improves security performance in all aspects.

The Series adopts touchless recognition technology and new functions namely temperature detection and masked individual identification which eliminates hygiene concerns effectively. It is also equipped with ultimate ant spoofing algorithm for facial recognition against almost all types of fake photos and videos attack. Importantly, the 3-in-1 palm recognition (Palm Shape, Palm Print and Palm Vein) is performed in 0.35 sec per hand; the palm data acquired will be compared with a maximum of 3,000 palm templates.

The terminal with temperature and mask detection will be a perfect choice to help reduce the spread of germs and help prevent infections straightly at each access point of any premises and public areas such as hospitals, factories, schools, commercial buildings, stations during the recent global public health issue with its fast and accurate body temperature measurement and masked individual identification functions during facial and palm verification.

Features

- Visible Light Facial Recognition
- Better hygiene with touchless biometric authentication, temperature detection and masked individual identification
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack and 3D mask attack
- Multiple Verification Methods: Face / Palm / Fingerprint / Card / Password
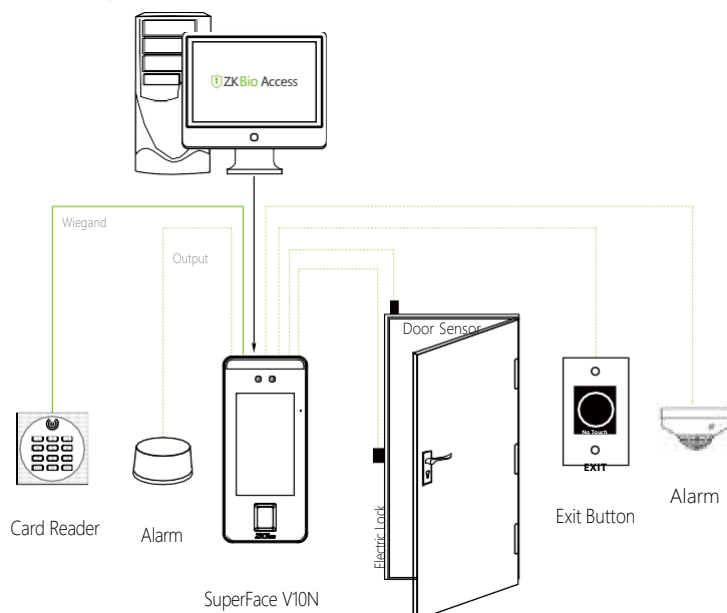
Special Functions

- Mask detection
- Body temperature detection
- Temperature Measurement Distance: 30 ~ 50cm (1~ 1.64ft)
- Temperature Measurement Accuracy: ±0.3°C

* Facial verification for masked individuals will increase FAR. Palm verification for masked individuals is recommended. Temperature measurement data is for reference only, not for medical use.

Specifications

	SuperFace V10N[TD]
Display	5-inch Touch Screen
Face Capacity	6,000
Fingerprint Capacity	6,000 (Standard); 10,000 (Optional)
Transactions	200,000
Operation System	Linux
Standard Functions	ADMS, T9 Input, DST, Camera, 9-digit User ID, Acess Levels, Groups, Holidays, Anti- passback, Record Query, Tamper Switch Alarm, Multiple Verify Modes.
Hardware	900MHz Dual Core CPU, Memory 512MB RAM / 8G Flash, 2MP WDR Low Light Camera, Adjustable the whole word move to next line please Light Brightness LED
Communication	TCP/IP, WiFi, Wiegand input / output, RS485
Access Control Interface	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input
Facial Recognition Speed	≤1s
Biometrics Algorithms	ZKFace V5.8 & ZKFinger V10.0 & ZKPalm V12.0
Power Supply	12V 3A
Operating Humidity	10% - 90%
Operating Temperature	-10°C ~ 45°C (14°F ~ 113°F)
Dimensions (W*H*D)	91.93 * 202.93 * 21.5 (mm)
Supported Softwares	ZKBioAccess

Configuration

Wiegand

Output

Door Sensor

Card Reader

Alarm

Electric Lock

Exit Button

Alarm

SuperFace V10N

Dimensions (mm)

91.93
60.0
15.5
22.5
5.0
220.0
202.0

91.93
21.50
202.93