# ProBio
## Multi-Biometric Access Control Terminal

**ProBio** is the first access control terminal to apply the most advanced Silk ID and face technology together. Silk ID not only has outstandingly high identification rate towards dry, wet, and rough fingers, but also provides the utmost security with alive finger detection. It can operate under strong light, and activates automatically when finger approaches to save power.

Using ZKTeco's latest ZKFACE version 7.0 high-speed face recognition algorithm, it has extremely high verification speed and low error rate, in addition to being able to effectively prevent duplicated registration.

In addition, the new ZMM 220 hardware platform has a clock rate of 1.2 GHZ, greatly enhancing the speed of fingerprint and face verification. Such speedy hardware platform and fingerprint and face algorithm greatly enhance the speed of fingerprint and face verification.

# Features



Revolutionary SilkID
Fingerprint Sensor

Multiple Verification Modes:
Face / Fingerprint /
Card / Password

Outstanding Performance With
Dry, Wet and Rough Fingers

Simple Management & Scalability

Built In Camera
* Event Snapshot
* User Photo

# Specifications

## Capacity
| | |
|---|---|
| Fingerprints | 4,000 |
| Faces | 2,000 (1:N) / 4,000 (1:1) |
| Cards | 10,000 |
| Transactions | 100,000 |
| User Photos | 4,000 |
| Event Photos | 2,000 |

## Communication
TCP/IP, RS485 (For Slave Reader)
USB Host
Wiegand Input / Output
Security Relay Box

## Access Control Interface
Lock Relay Output
Alarm Output / Auxiliary Input
Exit Button / Door Sensor
Doorbell Output

## Hardware
1.2GHz CPU
Memory 128MB RAM / 256MB Flash
SilkID Fingerprint Sensor
2,8 Inches TFT-LCD Touch Screen
125KHz EM Reader / Mifare (Optional)
Hi-Fi Voice & Indicator
Tamper Switch Alarm
Dual IR Camera

## Standard Functions
Access Levels / Groups / Holidays
DST / Bell Schedule
Duress Mode
Anti-Passback
Record Query
Custom Wallpaper & Screen Saver

## Special Functions
Multiple Verification Modes
Alive Finger Detection
Event Snapshot
User Photo

## Compatibility
Wiegand Slave Reader
RS485 FP Slave Reader
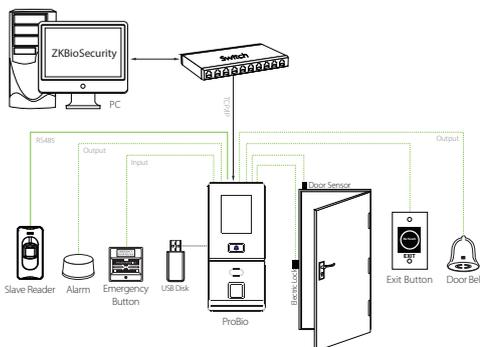ZKBioSecurity Software

## Additional Info
Working Temperature: -10 °C ~ 50 °C
Dimensions: 190.8 × 85 × 103 mm
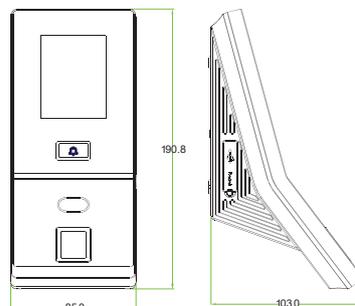ZKFace v7.0 & ZKFinger v10.0 Algorithms

## Power
Operating Voltage 12V DC
Current Draw < 500mA

# Configuration



# Dimensions (mm)



190.8

85.0

103.0

CE  FC  RoHS