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 (⒢: GL Exclusive Feature)

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 Dual Core 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 Biometric Verification Modes
⒢ Alive Finger Detection
⒢ Event Snapshot
   User Photo

Compatibility
Wiegand Slave Reader
RS485 FP Slave Reader
ZKBioSecurity Software

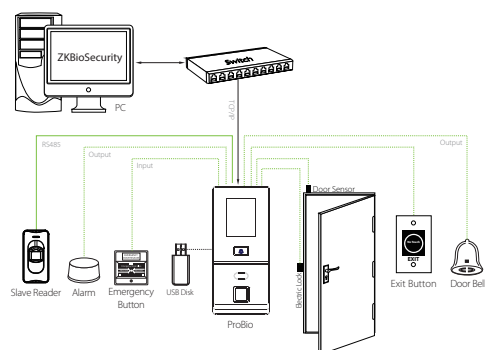## Additional Info
Working Temperature: -10 ℃ ~ 50 ℃
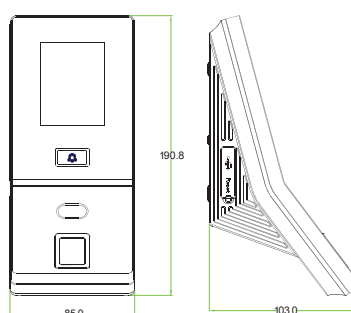Dimensions: 190.8 × 85 × 103 mm
ZKFace v7.0 & ZKFinger v10.0 Algorithms

Power
Operating Voltage 12V DC
Current Draw < 500mA

Configuration

Dimensions (mm)

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