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 (𝐆: 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

𝐆 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

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

Standard Functions

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

Special Functions

𝐆 Multiple Biometric Verification Modes
𝐆 Alive Finger Detection
𝐆 Event Snapshot
User Photo
ZK Encrypted Card (Optional)
Fingerprint Card

Compatibility

Wiegand Slave Reader
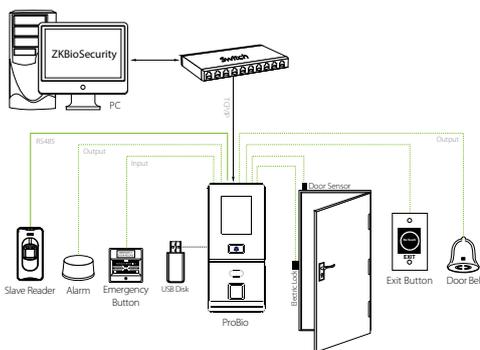𝐆 RS485 FP Slave Reader
ZKBioSecurity Software

Additional Info

Working Temperature: -10 ℃ ~ 50 ℃
Dimensions: 190.8 × 85 × 103 mm
ZKFace v7.0 & ZKFinger v10.0 Algorithms
Fingerprint: FAR≤0.0001% FRR≤0.01%
Face: FAR≤0.001% FRR≤1%
Package Includes 12V 3A Power Supply

Power

Operating Voltage 12V DC
Current Draw < 500mA

Configuration

Dimensions (mm)

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