# ProBio Plus Series

Linux-Based Hybrid-Biometric Access Control &
Time and Attendance Terminal with Full Spectrum
of Authentication Options

| Facial Recognition | RFID | Fingerprint | QR Code | IP65 dust & waterproof rating | HD Video Door Phone |

ProBio Plus     ProBio Plus-QR     ProBio Plus-RFID

**Compatible with**
ZKBio Access

**Compatible With**
ZSmart App

ProBio Plus Series using intelligent engineering facial recognition algorithms and the latest computer vision technology. It supports Fingerprint, facial, QR code verification with large capacity and speedy recognition, as well as improves security performance in all aspects.

ProBio Plus Series adopts ultimate antispoofing algorithm for facial recognition against almost all types of fake photos and videos attack. Besides, its specialised QR module supports QR code, PDF417, Data Matrix, MicroPDF417, Aztec, and so on.
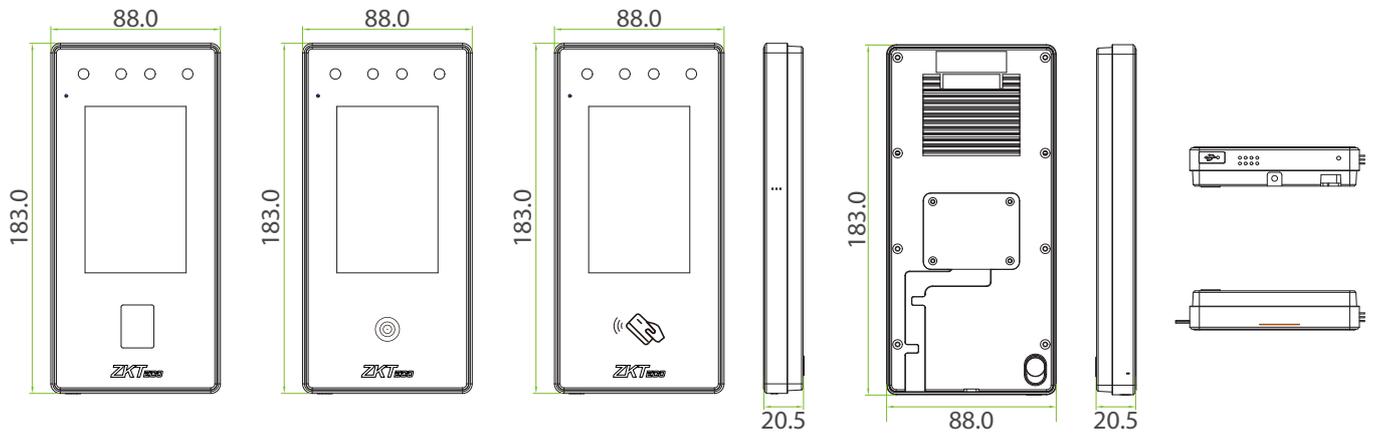
ProBio Plus support video intercom via mobile app ZSmart, also they are integrated with ZKBioAccess IVS Mobile APP support Dynamic QR code for T&A/A&C.

## Features

• Visible light facial recognition technology and in-glass fingerprint verification

• Darklight Facial Recognition without Supplement Light

• Full spectrum of authentication methods, support Face/ Fingerprint/ Scramble QR Code/ Card/ Password (Virtual Keypad)

• Supports multiple RFID modules:125KHz ID card / 13.56MHz IC card / ID&IC card

• Supports up to 3,000 facial / 3,000 fingerprint / 3,000 RFID card / 200,000 records

• HD video door phone via ZSmart mobile App / SIP Protocol

• Supports IP65 waterproof and dustproof

# Specifications

| | | | |
|---|---|---|---|
| **Display** | 4"@ TFT Color Touch LED Screen (480*800) | | |
| **Operation System** | Linux | | |
| **Authentication method** | Face/ Fingerprint/ Card/ Password (Virtual Keypad) | Face/ Scramble QR Code/ Card/ Password (Virtual Keypad) | Face/ Card/ Password (Virtual Keypad) |
| **Face Template Capacity** | 3,000 (1:N) (Standard) / 6,000 (1:N) (Optional) | 3,000 (1:N) (Standard) / 6,000 (1:N) (Optional) | 3,000 (1:N) (Standard) / 6,000 (1:N) (Optional) |
| **Card Capacity** | 3,000 (1:N) (Standard) / 10,000(1:N) (Optional) | 3,000 (1:N) (Standard) / 10,000(1:N) (Optional) | 3,000 (1:N) (Standard) / 10,000(1:N) (Optional) |
| **Max. User Password Length** | 8 Digits | | |
| **Touchless Biometric Recognition Distance** | 50cm to 200cm @ Face | 30cm to 200cm @ Face | 50cm to 200cm @ Face |
| **False Rejection Rate (FRR) %** | ≤0.01% (Facial Recognition) 0.01% (Fingerprint) | ≤0.01% (Facial Recognition) | ≤0.022% (Facial Recognition) ≤0.01% (Facial Recognition) |
| **Biometric Algorithm** | ZKFace V3.9 & ZKFinger V10.0 | ZKFace V3.9 | ZKFace V3.9 |
| **Card Type** | ID Card@125 kHz (Optional) HID Prox@125 kHz (Optional) IC Card@13.56 MHz (Optional) Felica Card@13.56 MHz (Optional) Optional Multi-Tech Module: Module1: ID & IC & DESFire EV1/ EV2; (125 kHz & 13.56 MHz Dual Frequency) | ID Card@125 kHz (Optional) HID Prox@125 kHz (Optional) IC Card@13.56 MHz (Optional) Felica Card@13.56 MHz (Optional) Optional Multi-Tech Module: Module1: ID & IC & DESFire EV1/ EV2; (125 kHz & 13.56 MHz Dual Frequency) | ID Card@125 kHz (Standard) HID Prox@125 kHz (Optional) IC Card@13.56 MHz (Optional) Felica Card@13.56 MHz (Optional) Optional Multi-Tech Module: Module1: ID & IC & DESFire EV1/ EV2; (125 kHz & 13.56 MHz Dual Frequency) |
| **QR Code** | / | Dynamic QR codes on the ZKBioAccess IVS mobile application QR code, PDF417, Data Matrix, MicroPDF417, Aztec scanning in third-party development projects | / |
| **Communication** | TCP/IP*1 Wi-Fi (IEEE802.1a/b/g/n/ac) @ 2.4 GHz / 5G GHz Bluetooth: BLE5.0 Wiegand (Input & Output)*1 RS485: ZKTeco RS48*1 USB: Type A (USB Drive Only)*1 Aux Inputs *1,  Electric Lock*1, Door Sensor*1, Exit Button*1, Alarm output*1, Wired Doorbell*1 | | |
| **Standard Functions** | ADMS, DST, 14-digit User ID, T9 Keyboard (Input), Photo Capature, Event Photo Capature, Record Query, Tamper Switch Alarm, Automatic Status Switch, Multiple Verification Methods, Anti-Passback, Wired doorbell, Schedule Bell, HTTPs / SSH Backend Access, AC Push and TA Pusch Protocol Switch | | |
| **Optional Functions** | Wi-Fi, SRB, WorkCode, Video Door Phone, SIP Clinet | | |

| | |
|---|---|
| Power Supply | DC 12V 3A (Optional) |
| Operating Temperature | -5°c to 45°c |
| Operating Humidity | 10% to 90% RH |
| Dimensions (L*W*H) | 183 mm*88 mm*20.5 mm (L*W*H) |
| Gross Weight | 0.503kg |
| Net Weight | 0.453 Kg |
| Supported Software | Software: ZKBioAccess IVS<br>Mobile App.: ZKBio Zlink / Zsmart<br>Cloud Service: ZKBio Zlink |
| Installation | Wall-mount (Compatible with Asian Gang-box / Single Gang-Box) |
| Ingress Protection Rating | IP65 (waterproof and dustproof) |
| Certifications | ISO14001, ISO9001, CE, FCC, RoHS |

## Configuration



## Dimensions (mm)

88.0　　88.0　　88.0

183.0　　183.0　　183.0　　183.0

20.5　　88.0　　20.5

ZKTECO CO., LTD.　　www.zkteco.com　　E-mail: sales@zkteco.com