

G3 Pro

Revolutionary 3-in-1 Contactless Palm Recognition Terminal







G3 Pro is powered by Computer Vision technology like 3-in-1 contactless palm recognition, which means the terminal can perform bio-authentication with a user's palm vein, palm print, and the shape of palm at the same time once the sensor detects a hand presented.

Palm vein and palm print patterns are reliable human identifiers as the details are extremely hard to be duplicated, thus, together with the powerful algorithm, users may enjoy the terminal's enhanced anti-spoofing ability.

Eliminating hygienic concerns, G3 Pro, equipped with a novel hand tracking technique allowing angle tolerance as wide as +/-60° in the roll axis, the huge capacity of 6,000 palm templates, and a 1.4GHz quad-core CPU, extracts palm print and vein pattern for analysis at a distance for recognition from 0.2m to 0.5m in less than 0.35s. Users no longer need to struggle to touch the sensor at a specific angle and align the center of the palm with the center of the input sensor for proper hand images to be acquired.

Features



Modern Design & Interactive UI



Revolutionary SilkID Fingerprint Sensor



Multiple Verification Modes: Face / Fingerprint / Palm / Card / Password

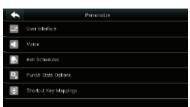


Outstanding Performance With Dry, Wet and Rough Fingers



Simple Management & Scalability









Specifications (G: GL Exclusive Feature)

Capacity

Fingerprints 20,000 **G** Faces 12,000 Palm 6.000 Cards 20,000 Transactions 200,000

Communication

TCP/IP **USB** Host Wiegand Output

Access Control Interface

Lock Relay Output Alarm Output Exit Button Door Sensor External Bell

Hardware

- **□** 1.4GHz Quad Core CPU
- **G** Memory 1G RAM / 1G Flash SilkID Fingerprint Sensor
- 64.3 Inches Touch Screen Hi-Fi Voice & Indicator Tamper Switch Alarm

Standard Functions

ID Card / Work Code / WDMS DST / SMS / Bell Schedule Attendance Status Auto-Switch Record Query / Photo ID Custom Wallpaper & Screen Saver

Special Functions

- **ு** Multiple Biometric Verification Modes
- ♠ Alive Face / Palm Detection
- © Duplicate Face / Palm Detection

Optional Functions

HID Proxy / Mifare Card Reader

₩i-Fi / 3G

External Printer

Battery (2,000 mAh)

© POE (Standard IEEE 802.3at)

Compatibility

BioTime8.0 ZKBioSecurity (T&A) **WDMS**

Additional Info

Working Temperature: 0 °C ~ 45 °C Dimensions: $199.2 \times 171.8 \times 96.9$ mm Algorithms: ZKFace v12.0 & ZKFinger v10.0 & ZKPalm V12.0 Fingerprint: FAR≤0.0001%; FRR≤0.01% Face: FAR≤0.001%; FRR≤1% Palm: FAR≤0.01%; FRR≤1%

Power

Operating Voltage 12V DC Current Draw < 500 mA

Configuration



Dimensions (mm)

