



G3 Pro-RFID

Revolutionary 3-in-1 Contactless Palm and Facial Recognition Terminal

G3 Pro-RFID 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-RFID, equipped with a novel hand tracking technique allowing angle tolerance as wide as $\pm 60^\circ$ 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



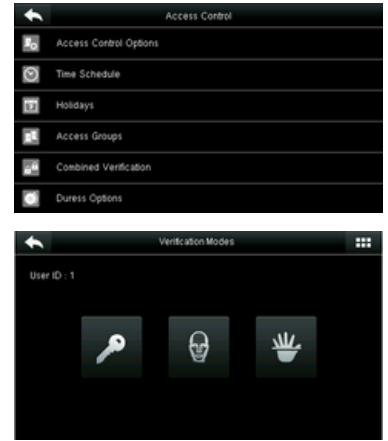
Modern Design & Interactive UI



Multiple Verification Modes:
Face / Palm / Card / Password



Simple Management & Scalability



Specifications (GL Exclusive Feature)

Capacity
G Faces 12,000
G 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
G 1.4GHz Quad Core CPU
G Memory 1G RAM / 1G Flash
G 4.3 Inches Touch Screen
 Hi-Fi Voice & Indicator
 Tamper Switch Alarm

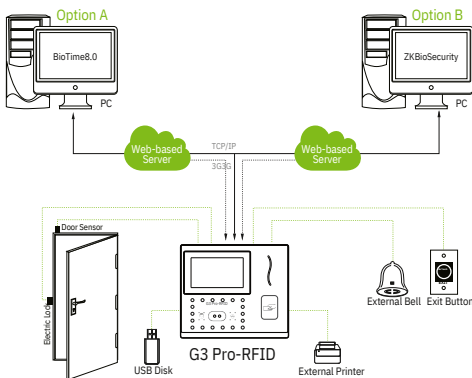
Standard Functions
 ID Card / Work Code / WDMS
 DST / SMS / Bell Schedule
 Attendance Status Auto-Switch
 Record Query / Photo ID
 Custom Wallpaper & Screen Saver

Special Functions
G Multiple Biometric Verification
G Modes Alive Detection
G Duplicate Face Detection

Optional Functions
 HID Proxy / IC Card Reader
G Wi-Fi / 3G
 External Printer
G Battery (2,000 mAh)
G POE (Standard IEEE 802.3at)
 Compatibility
 BioTime8.0
 ZKBioSecurity (T&A)
 WDMS

Additional Info
 Working Temperature: 0 °C ~ 45 °C
 Dimensions: 199.2 × 171.8 × 96.9 mm
 Algorithms: ZKFace v12.0 & ZKPalm V12.0
 Face: FAR ≤ 0.001%; FRR ≤ 1%
 : FAR ≤ 0.01%; FRR ≤ 1%
Palm Power
 Operating Voltage 12V DC
 Current Draw < 500 mA

Configuration



Dimensions (mm)

