G3-H is a multi-biometric identification terminal which features ZKTeco’s innovation Silk ID fingerprint sensor technology. With the world’s cutting-edge 3D Neuron Fingerprint Algorithm, it precisely authenticates dry, wet, or rough fingerprints efficiently and accurately. Infrared technology enables the device to function automatically when fingerprints are detected. With the latest facial algorithm, it supports color photos detection and prevents repeated face registration.

G3-H also comes with hardware promoted, it supports huge capacity of facial and fingerprint users, maximum up to 50,000 users and 1,000,000 transactions.
Features

- Modern Design & Interactive UI
- Revolutionary SilkID Fingerprint Sensor
- Multiple Verification Modes: Face / Fingerprint / Card / Password
- Outstanding Performance With Dry, Wet and Rough Fingers
- Simple Management & Scalability

Specifications

**Capacity**

**Standard**
- Fingerprints: 10,000 (1:N)
- Faces: 3,000 (1:N) / 10,000 (1:1)
- Cards: 10,000
- Transactions: 1,000,000

**Optional**
- Fingerprints: 50,000 (1:N)
- Faces: 3,000 (1:N) / 30,000 (1:1)
- Cards: 50,000
- Transactions: 1,000,000

**Communication**

TCP / IP / USB Host / Wiegand Output

**Access Control Interface**

Lock Relay Output / Alarm Output / Exit Button / Door Sensor / External Bell

**Hardware**

- 1.2GHz CPU
- Memory 1GB RAM / 1GB Flash
- SilkID Fingerprint Sensor
- 4.3 Inches Touch Screen
- Hi-Fi Voice & Indicator
- Tamper Switch Alarm

**Standard Functions**

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

**Special Functions**

- Multiple Biometric Verification Modes
- Alive Finger Detection
- Duplicate Face Detection

**Optional Functions**

- HID Proxy / Mifare Card Reader
- Wi-Fi / 3G
- External Printer
- Battery (2,000 mAh)
- POE (Standard IEEE 802.3at)

**Compatibility**

BioTime 7.0

**Additional Info**

- Working Temperature: 0 °C ~ 45 °C
- Dimensions: 199.2 × 171.8 × 96.9 mm
- ZKFace v7.0 & ZKFinger v10.0 Algorithms
- Fingerprint: FAR ≤ 0.0001%  FRR ≤ 0.01%
- Face: FAR ≤ 0.001%  FRR ≤ 1%
- Power: Operating Voltage 12V DC  Current Draw < 500 mA

**Power**

- Operating Voltage 12V DC
- Current Draw < 500 mA

**Configuration**

**Dimensions (mm)**

350mm 350mm 96.9mm 171.8mm