

# G3-H

## Multi-Biometric Smart Identification Terminal



**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 FP users, maximum upto 50,000 users and 1,000,000 transactions.

# Features



Modern Design & Interactive UI



Revolutionary SilkID Fingerprint Sensor



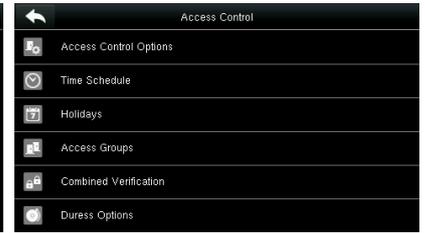
Multiple Verification Modes:  
Face / Fingerprint / Card / Password



Outstanding Performance With Dry, Wet and Rough Fingers



Simple Management & Scalability



# Specifications (G: GL Exclusive Feature)

## Capacity

### Standard

Fingerprints	10,000(1:N)
Faces	3,000(1:N) 10,000(1:1)
Cards	10,000
Transactions	1000,000

### Optional

Fingerprints	50,000(1:N)
Faces	3,000(1:N) 30,000(1:1)
Cards	50,000
Transactions	1000,000

## Communication

TCP / IP / USB Host / Wiegand Output

## Access Control Interface

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

## Hardware

- G 1.2GHz CPU
- G Memory 1GB RAM / 1GB Flash
- G SilkID Fingerprint Sensor
- 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 Modes
- G Alive Finger 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

BioTime 8.0  
ZKBio Access  
WDMS

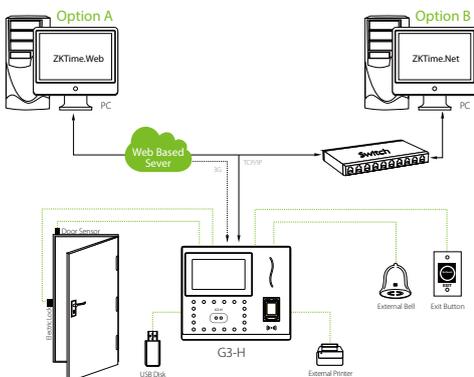
## Additional Info

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%

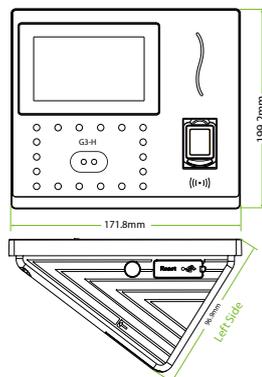
## Power

Operating Voltage 12V DC  
Current Draw < 500 mA

# Configuration



# Dimensions (mm)



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