

# G4

## Multi-Biometric Attendance & Access Control Terminal with Enhanced Visible Light Facial Recognition



**G4** is a multi-biometric identification terminal which features ZKTeco's innovative Enhanced Visible Light Facial Recognition and SilkID fingerprint sensor technology. The device with latest technologies can perform recognition in a distance from 0.5m to 3m and will function automatically when face are detected so as to deliver higher recognition quality in terms of speed and accuracy than the previous near IR facial recognition. With the applied Deep Learning algorithm, pose angle tolerance and anti-spoof function have been greatly enhanced against dynamic environment and various spoofing attacks. Also with the world's cutting-edge 3D Neuron Fingerprint Algorithm, it precisely authenticates dry, wet, or rough fingerprints efficiently and accurately.

# Features



Revolutionary SilkID FingerPrint Sensor



Proactive Facial Recognition



Wide Pose Angle Acceptance



Enhanced Visible Light Facial Recognition



New Height of Anti-Spoofing



Touchless for Better Hygiene



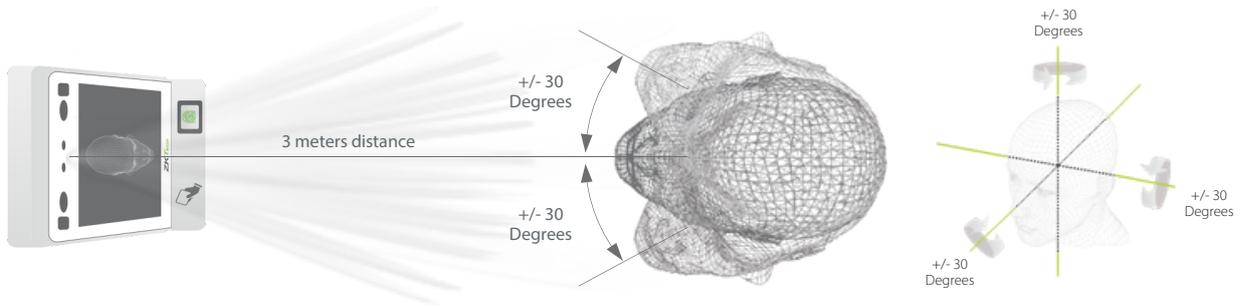
Multiple Verifications: Face/FingerPrint/Card/Password



Speedy Recognition

## Recognition distance up to 3m long and extra wide angle recognition

The recognition distance has been greatly extended up to 3 meters long, which significantly improves maximum traffic rate. While most of algorithms only support 15-degree angle facial recognition, ZKBioFace supports 30-degree angle facial recognition.



## Specifications (GL Premium Feature)

### Capacity

Users 10,000 Face  
 Template 10,000  
 Fingerprints 10,000 MF  
 Cards 10,000 Transactions  
 1,000,000

### Hardware

High Performance Android Industrial CPU  
 2GB DDR3 RAM  
 16GB ROM  
 SilkID FingerPrint Sensor  
 7-inches Touch Screen, 1280\*800 Pixel  
 2NP Binocular Camera

### Compatibility

BioTime 7.0  
 ZKBiosecurity (Time Attendance)

### Communication

TCP/IP  
 USB Host  
 Wiegand Input  
 Wiegand Output

### Standard Functions

MF Card / WorkCode/ADMS  
 DST / Bell Schedule  
 Attendance Status Auto-Switch  
 Record Query / Photo ID

### Additional Info

Algorithms ZKFace V10.0 & ZKFinger V12.0  
 Working Temperature 0°C~+50°C <90%  
 Working Humidity 264\*120\*51mm ≤1s 0.5m~3m  
 Dimensions DC12V 3A  
 Facial Recognition Speed  
 Facial Recognition Distance  
 Power

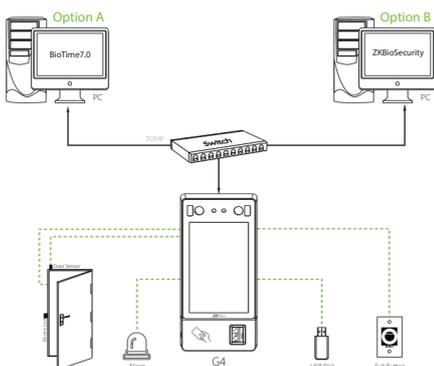
### Access Control Interface

Lock Relay Output  
 Exit Button  
 Alarm Output  
 Door Sensor  
 External Bell

### Special Functions

Enhanced Visible Light Facial Recognition  
 Liveness Face Detection  
 Multiple Biometric Verification Modes

## Configuration



## Dimensions (mm)



## User Interface

