

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



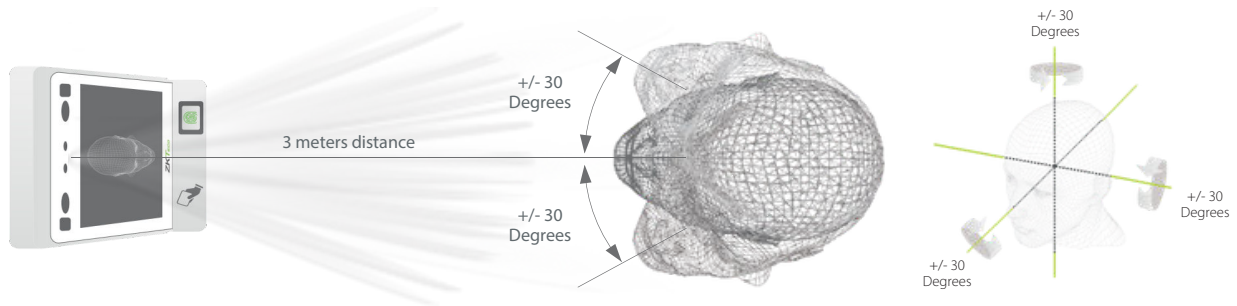
Multiple Verifications:
Face/FingerPrint/
Card/Password



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
GL SilkID FingerPrint Sensor
7-inches Touch Screen, 1280*800 Pixel
GL 2NP Binocular Camera

Compatibility

BioTime7.0
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

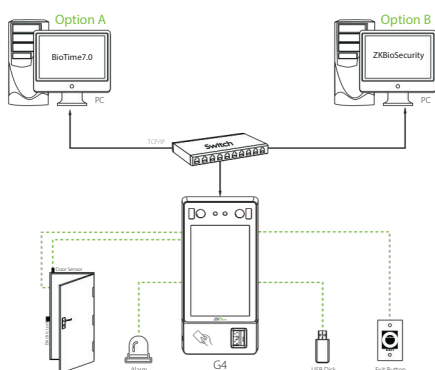
Access Control Interface

Lock Relay Output
Exit Button
Alarm Output
Door Sensor
External Bell

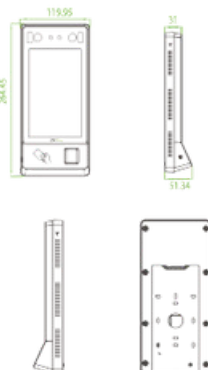
Special Functions

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

Configuration



Dimensions (mm)



User Interface

