G4L

Visible Light Facial Recognition and Multi-Biometric Time & Attendance and Access Control Terminal

Compatible with
ZKBioSecurity

Compatible with
ZKBio Time

Enhanced Visible Light Facial Recognition is the latest technology of ZKTeco, aimed to overcome shortcomings of previous facial recognition and achieve an all-rounded upgrade on whatever performance and reliability. G4L is a multi-biometric identification terminal, notably offers enhanced Visible Light facial recognition and Z-ID fingerprint authentication technology.

Compared with other near-infrared facial identification devices, G4L, equipped with advanced Visible Light Facial Recognition technology, enables quicker automatic face detection and facial recognition when a target enters its detection distance from 0.5m to 2.5m.

With new deep learning algorithms applied, the anti-spoofing technology performance has been dramatically heightened and can prevent different types of photos and video attacks.

Also, with the cutting-edge 3D Neuron Fingerprint Algorithm, G4L precisely authenticates dry, wet, or rough fingerprints efficiently and accurately. Apart from Visible Light facial recognition and Z-ID fingerprint authentication, G4L also supports identification with RFID cards and passwords.

Features

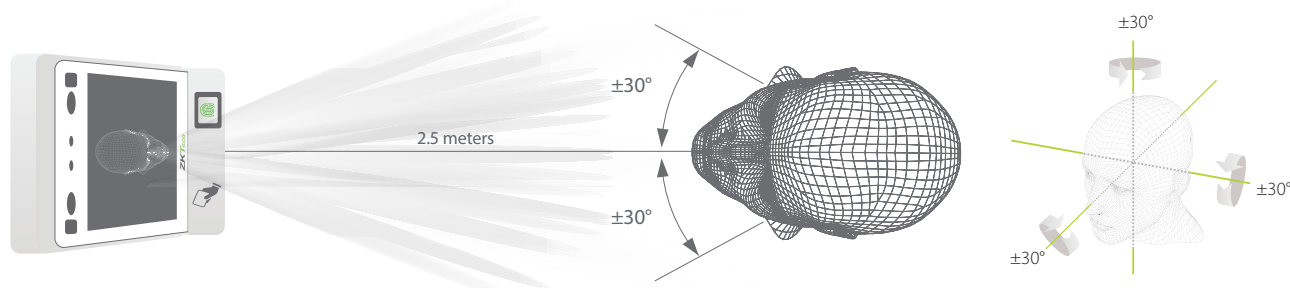|							
Revolutionary Z-ID Fingerprint Sensor	Proactive Facial Recognition	Mask Detection	Visible Light Facial Recognition	New Height of Anti-Spoofing	Touchless for Better Hygiene	Multiple Verification Methods	Speedy Recognition

Long Recognition Distance of 2.5m Plus Extra Wide Angle

The recognition distance has been greatly extended to 2.5 meters, which significantly improves the maximum traffic rate. While most of the algorithms only support 15-degree angle facial recognition, ZKBioFace supports 30-degree angle facial recognition.

±30°
2.5 meters
±30°
±30°
±30°
±30°
±30°

Specifications (: GL Exclusive Feature)

Capacity
User	10,000
Face	10,000
Fingerprint	10,000
Card	10,000
Transaction	1,000,000

Communication
TCP/IP
Wi-Fi
Wiegand Input
Wiegand Output
RS485
 USB Host

Access Control Interface
Lock Relay Output
Exit Button
Alarm Output
Door Sensor

Hardware
 900MHz Dual Core CPU
Memory 512MB RAM/ 8G Flash
 2MP WDR Low Light Camera
 7-inch Touch Screen, 1280*720 pixels
Linux Operating System
Adjustable Monitor Brightness

Standard Functions
ID Card / Work Code / ADMS
DST / Bell Schedule
Attendance Status Auto-Switch
Record Query / Photo ID

Optional Functions
 13.56 MHz IC / LEGIC Card
 PoE

Special Functions
 Visible Light Facial Recognition
 Alive Face Detection
Multiple Biometric Verification Modes
Mask Detection; Facial Verification available with Masks

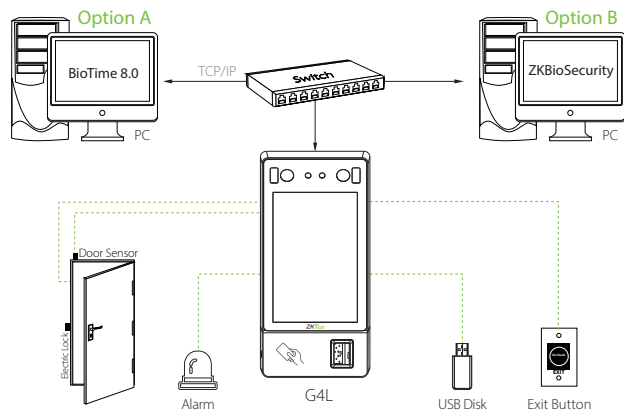### Compatibility
ZKBio Time
ZKBioSecurity (Time & Attendance)

Additional Info
Algorithms	ZKFace V5.8 ZKFinger V10.0
Working Temperature	0℃ - 50℃ (32°F - 122°F)
Working Humidity	<90%
Dimensions (W*H*D)	264*112*54.8 mm
Facial Recognition Speed	≤0.3 sec
Facial Recognition Distance	0.5m ~ 2.5m
Power	DC12V 3A

Configuration

Option A
BioTime 8.0
PC
TCP/IP
Switch
Option B
ZKBioSecurity
PC

Door Sensor
Electric Lock
Alarm
G4L
USB Disk
Exit Button

Dimensions (mm)

264.0mm
112.0mm
54.8mm
182.8mm
79.5mm