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 SilkID 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 SilkID fingerprint authentication, G4L also supports identification with RFID cards and passwords.
Features

- Revolutionary SilkID 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.

Specifications (GL Exclusive Feature)

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Hardware</th>
<th>Special Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td>User 10,000</td>
<td>900MHz Dual Core CPU</td>
<td>Visible Light Facial Recognition</td>
</tr>
<tr>
<td>Face 10,000</td>
<td>Memory 512MB 8G Flash</td>
<td>Alive Face Detection</td>
</tr>
<tr>
<td>Fingerprint 10,000</td>
<td>2MP WDR Low Light Camera</td>
<td>Multiple Biometric Verification Modes</td>
</tr>
<tr>
<td>Card 10,000</td>
<td>7-inch Touch Screen, 1280*720 pixels</td>
<td>Mask Detection; Facial Verification available with Masks</td>
</tr>
<tr>
<td>Transaction 1,000,000</td>
<td>Linux Operating System</td>
<td></td>
</tr>
</tbody>
</table>

Communication

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

Access Control Interface

- Lock Relay Output
- Exit Button
- Alarm Output
- Door Sensor

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

Configuration

Option A

BioTime 8.5
PC
Door
Alarm
GAL
USB Disk
Exit Button

Option B

ZKBioSecurity
PC

Dimensions (mm)

- Height: 244 mm
- Width: 144 mm
- Depth: 76.5 mm

Additional Info

- ZKFace V5.8
- ZKFinger V10.0
- Working Temperature: 0°C - 50°C (32°F - 122°F)
- Working Humidity: <90%
- Dimensions (W*H*D): 264*112*54.8 mm
- Facial Recognition Speed: ≤0.3 sec
- Power: DC12V 3A

Working Temperature 0°C - 50°C (32°F - 122°F)
Working Humidity <90%
Dimensions (W*H*D) 264*112*54.8 mm
Facial Recognition Speed ≤0.3 sec
Power DC12V 3A