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.

![Recognition Distance Diagram](image)

**Specifications (G: GL Premium Feature)**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Hardware</th>
<th>Compatibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Users</td>
<td>High Performance Android Industrial CPU</td>
<td>BioTime 8.5</td>
</tr>
<tr>
<td>Face Template</td>
<td>2GB DDR3 RAM</td>
<td>ZKBioSecurity (Time Attendance)</td>
</tr>
<tr>
<td>Fingerprints</td>
<td>16GB ROM</td>
<td></td>
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<tr>
<td>ID Cards</td>
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<tr>
<td>Transactions</td>
<td>7-inches Touch Screen, 1280*800 Pixel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2NP Binocular Camera</td>
<td></td>
</tr>
</tbody>
</table>

**Communication**

- TCP/IP
- USB Host
- Wiegand Input
- Wiegand Output

**Access Control Interface**

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

**Standard Functions**

- ID Card / Work Code / ADMS
- DST / Schedule Bell / Automatic Status Switch
- Record Query / Photo ID
- Optional Functions: 13.56MHz IC Card

**Special Functions**

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

**Configuration**

- Option A
- Option B

**Dimensions (mm)**

- 264*120*51mm

**User Interface**

![User Interface Diagram](image)

**Additional Info**

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

**ZKTECO CO., LTD.**

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