



# MB560-VL

## Linux-Based Hybrid Biometric Time & Attendance and Access Control Terminal with Visible Light Facial Recognition



**MB560-VL** is a multi-biometric identification terminal featuring ZKTeco's innovative Visible Light Facial Recognition technology.

With the latest algorithm and facial recognition related technologies, the device can perform recognition of a target in a distance from 0.3m to 2m and will function automatically when it detects a face in the detection distance so as to deliver better recognition quality in terms of speed and accuracy than the previous near-infrared facial recognition terminal.

With the applied Deep Learning algorithm, pose angle tolerance and anti-spoofing have been greatly enhanced against dynamic environment and various spoofing attacks. Apart from all these, together with the world's cutting-edge 3D Neuron Fingerprint Algorithm and comprehensive support in mainstream card modules and additional support in WiFi, MB560-VL must be a best fit in various working environments satisfying different customer's needs.

### Features

- Visible Light Facial Recognition
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack and 3D mask attack
- Multiple verification methods: Face / Fingerprint / Card / Password
- Optional card modules: 125KHz ID Card (EM) / 13.56MHz IC Card (MF)
- Supplement lighting with adjustable brightness

### Visible Light Facial Recognition Embedded



Proactive Facial Recognition



New Height of Anti-Spoofing



Speedy Recognition



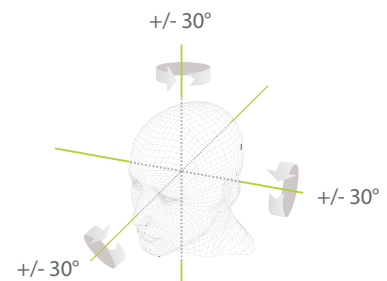
Wide Pose Angle Acceptance



Touchless for Better Hygiene

### 2 meters of recognition distance and extra wide angle recognition

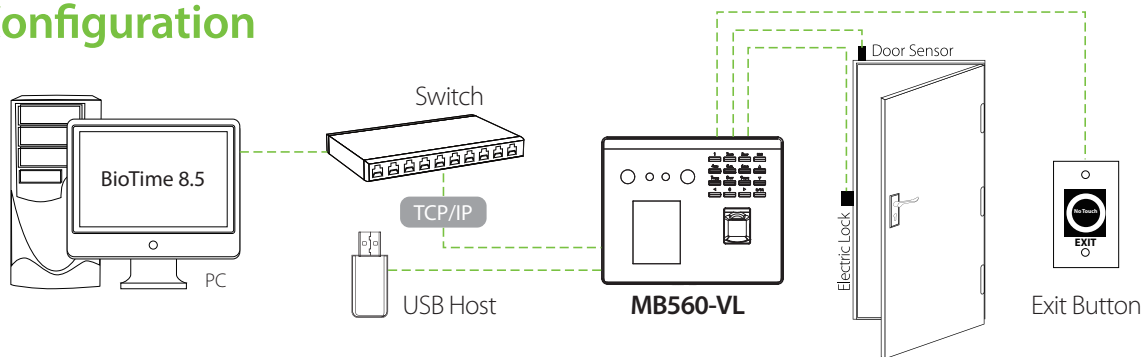
The recognition distance has been greatly extended to 2m meters, which significantly improves the maximum traffic rate. While most of the algorithms only support +/-15° of detectable face angle, MB560-VL doubles the detection angle in terms of head rotation and tilt to +/- 30°.



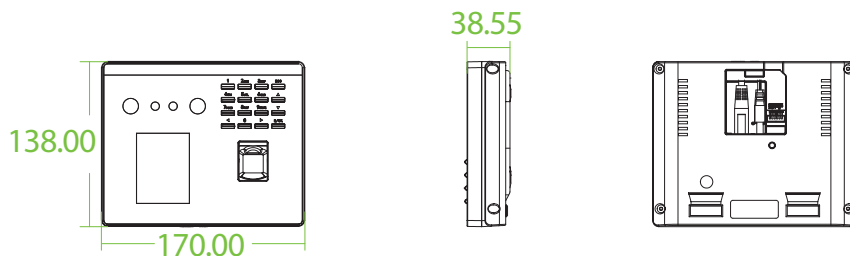
# Specifications

|                          |  |
|--------------------------|--|
| Display                  | 2.8-inch TFT Screen  |
| Face Capacity            | 3,000  |
| Fingerprint Capacity     | 3,000  |
| Card Capacity            | 10,000 (Optional)  |
| Transactions             | 100,000  |
| Communication            | TCP/IP, WiFi (Optional), USB Host  |
| Standard Functions       | ADMS, Work Code, DST, Self-service Query, Automatic Status Switch, T9 Input, Camera, 9-digit User ID, Multiple Verify Modes, Schedule Bell |
| Hardware                 | 900MHz Dual Core CPU;<br>Memory 512MB RAM / 8G ROM;<br>2MP WDR Low Light Camera;<br>Adjustable LED Supplement Lighting                     |
| Operation System         | Linux  |
| Access Control Interface | 3rd Party Electric Lock, Door Sensor, Exit Button  |
| Optional Functions       | 125KHz ID Card (EM) / 13.56MHz IC Card (MF)  |
| Biometrics Algorithms    | ZKFace V5.8 & ZKFinger V10.0   |
| Facial Recognition Speed | ≤1s  |
| Power Supply             | 12V 1.5A   |
| Working Humidity         | 20% - 80%  |
| Working Temperature      | 0 °C - 45 °C   |
| Dimensions (W*H*D)       | 170 * 138 * 38.55 (mm)   |
| Supported Software       | BioTime 8.5  |

# Configuration



# Dimensions (mm)



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