MB10-VL

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




Proactive Facial Recognition


New Hight of Anti-Spoofing


Speedy Recognition



Wide Pose Angle Acceptance


Touchless for Better Hygiene

Compatible with ZKBio CVAccess

Compatible with ZKBio Zlink

ZKBio Zlink Download on the App Store GET IT ON Google Play

MB10-VL is a touchless multi-biometric identification terminal featuring ZKTeco's innovative Visible Light Facial Recognition technology.

With the latest algorithm and Visible Light facial recognition technologies, the device can recognize a target in the distance from 30cm to 50cm. It will automatically operate when it detects a human face in the detection distance to deliver better recognition quality in terms of speed and accuracy than the previous near-infrared facial recognition terminals.

With the applied Deep Learning algorithm, the pose angle tolerance and anti-spoofing ability against the dynamic environment and various spoofing attacks have been greatly enhanced.

Together with the world's cutting-edge 3D Neuron Fingerprint Algorithm and comprehensive support in mainstream card modules, MB10-VL must be the best fit in various working environments satisfying different customer's needs.

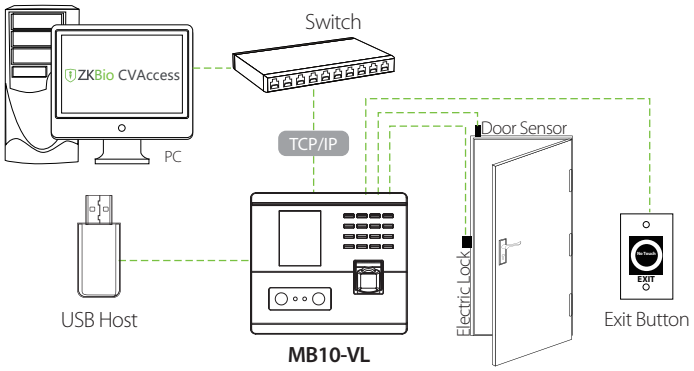
Features

- 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 (Optional) / Password
- Card modules (Optional): 125kHz ID Card (EM) / 13.56MHz IC Card
- TCP/IP network, USB Host and WiFi (Optional)
- Standard with Built-in SSR Excel Software
- Simple access control

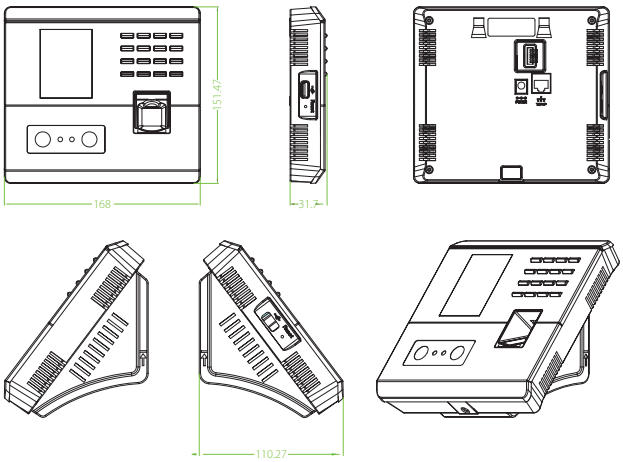
Specifications

Display	2.8-inch TFT Screen
Face Capacity	100 (Optional:800)
Fingerprint Capacity	500 (Optional:800)
Card Capacity	500 (Optional:800)
Transactions	50,000 (Optional:150,000)
Communication	TCP/IP, USB Host, Wifi (Optional)
Standard Functions	ADMS, DST, Self-service Query, Automatic Status Switch, T9 Input, Camera, 9-digit User ID, Multiple Verification Methods, Bell Scheduling, SSR
Hardware	1GHz Dual-Core CPU, 256MB RAM/256MB Flash, 1MP Binocular Camera
Operation System	Linux
Access Control Interface	3rd Party Electric Lock, Door Sensor, Exit Button
Optional Functions	125kHz ID Card (EM) / 13.56MHz IC Card, WiFi
Biometrics Algorithm	ZKFace 3.5 / ZKFinger V10.0
Facial Recognition Speed	≤1s
Power Supply	5V 2A (Optional: 12V 1.5A)
Working Humidity	20% to 80%
Working Temperature	0°C to 45°C
Dimensions (W*H*D)	168.0*151.5*31.7 (mm)
Supported Software	Software: ZKBio CVAccess (T&A) Mobile App: ZKBio Zlink Cloud Service: ZKBio Zlink

Configuration



Dimensions (mm)



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