MultiBio 700

Multibiometric Access Control and Time & Attendance Reader

After the outstanding success of the iFACE series of multibiometric readers used in time & attendance applications, ZK introduces the sleek, elegant and ergonomically designed MultiBio 700 designed for Access Control applications.

When using MultiBio 700, users can identify or verify themsleves either by face, finger, card ID or PIN/Password. The TFT color touch screen of MulitiBio 700 provides ease of use and a rich user experience. The MultiBio 700 uses state of the art 3D imaging technology while also providing hygienic 100% touch-free biometric authentication. The MultiBio 700 utilizes ZK's latest face and fingerprint matching algorithms which are even faster than its predecessor. MultiBio 700 can one to many (1:N) match up to 400 faces and 2000 fingerprints.

When users glance into the MB700 camera, it captures the relative position, size, and shape of the user's eyes, nose, cheekbones and jaw. These parameters are then used to create a biometric template which is then used to subsequently verify or identify each user.

The MultiBio 700 can be used as a stand-alone access control reader by connecting a door lock, exit switch, alarm and door sensor to the relay contacts. The Wiegand IN and OUT ports can be used to connect 3rd party access control panels and peripherals. The MultiBio 700 also includes a USB port for offline data backup/management.
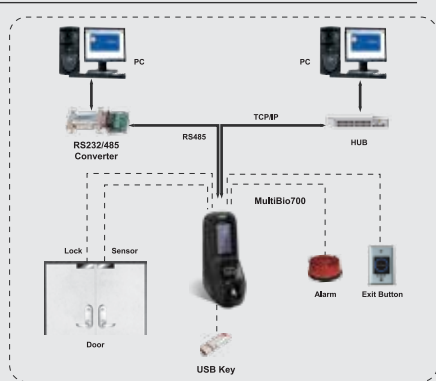
For even more security, MB700 can be purchased with an internal ID card reader which adds still another layer of security. MB700 comes with a very easy to navigate color TFT touch screen making the MB700 functional, secure and very easy to use.
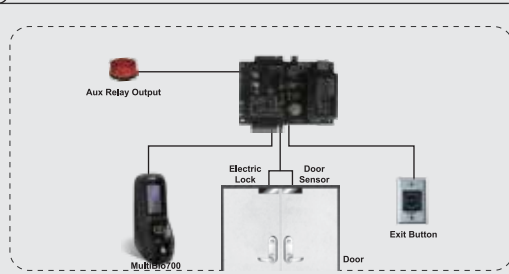
Features

- Elegant ergonomic German-designed enclosure
- 3″ TFT color touch-screen display
- Supports 50 time zones, 99 groups and 10 unlock combinations for access control
- Contact relays for door locks, exit button, alarms, bell, etc
- Stores 2000 fingerprints and 400 faces and matches with superior accuracy
- Infrared light source enables face detection and matching in dimly lit environments
- Contactless 1-second employee recognition
- Operates stand-alone or can be interfaced with third party access control panel using Weigand Interface
- Built-in TCP/IP, Serial and USB interfaces
- A voice & visual indication for acceptance & rejection of valid & invalid fingerprints/faces
- SDK available for OEM customers and software developers
- Multi-language support

Configuration

▶ Standalone Installation

▶ Installation with Access Control Panel

Specifications

CPU	ZK Multi-Bio CPU 630MHz
Memory	256M Flash 64M SDRAM
Hardware Platform	ZEM600
Fingerprint Sensor	ZK Non-coated Optical Sensor
Camera	High Resolution Infrared Camera
Display	3 in TFT Touch Screen
Face Capacity	400 (optional 3000)
Fingerprint Capacity	2000 (optional 5000)
ID Card Capacity	10,000 (optional func.)
Logs Capacity	100,000
Algorithm Version	ZKFace7.0 & ZKFinger10.0
Communication	TCP/IP, RS232/485
Access Control Interfaces	3rd party electric lock, door sensor, alarm, wired bell & exit button
Anti-pass back Function	OK
Wiegand Signal	Wiegand in and out
Optional Functions	ID / Mifare card / HID
Power Supply	12V DC, 3A
Operating Temperature	32°-105°F (0°-42°C)
Operating Humidity	20%-80%
Dimension (LxHxW)	10.8 x 3.9 x 7.7 in 275 x 100 x 195 mm
Gross Weight	2 lbs / 0.87 kg

Part Numbers

MultiBio-700	Standalone reader
MultiBio-700-ID	Standalone reader with proximity card reader
MultiBio-700-HID	Standalone reader with HID card reader
MultiBio-700-M	Standalone reader with Mifare card reader

Packing Info

Box Size	11 x 7.8 x 4 (in) / 2 lbs 28 x 20 x 10 (cm) / 0.87 kg