

MultiBio 700

Product Description

MultiBio 700 is a state-of-the-art multi-biometric access control system. With an elegant, robust and ergonomic design, it combines Facial, Fingerprint and PIN recognition, offering the added option of an integrated RFID module. Equipped with our latest facial identification algorithm, it captures the relative position, size and shape of user's eyes, nose, cheekbones and jaw features. These feature templates are used to match feature data when users register on the terminal, converting the captured features into value and comparing these to eliminate variance. Integrated with our newest and most advanced fingerprint algorithm version, ZKFinger10.0, it ensures high precision fingerprint identification. MultiBio 700 can hold up to 3000 faces and up to 5000 fingerprint templates. A professional access control terminal, it can operate on standalone mode, but also combines perfectly with ZK's recently launched multiple door controllers, the C3 Series - operating together with third party applications such as electric lock, alarm, doorbell and outdoor sensor - making MultiBio 700 one of the best and most complete multi-biometric access control terminals on the market today.

Standard functions



Optional functions



Features

- ✓ Elegant and ergonomic access control and time & attendance terminal
- ✓ Incorporates high precision ZK Sensor for registering 10 fingerprints per user.
- ✓ It can hold up to 3000 faces in 1:N mode and 5000 fingerprint templates.
- ✓ It allows up to 20 verification methods, setting as default Face & fingerprint
- ✓ Stores up to 100.000 log records without PC download.
- ✓ Allows communication with PC through Ethernet, RS-232/485
- ✓ Events management (doctor, personal issues, etc...)
- ✓ Time zones, groups and holidays management for access control
- ✓ 3" TFT touch screen
- ✓ Includes 2 function keys for door bell and identification method
- ✓ Optionally can be installed with proximity reader EM, Mifare, HID, etc..
- ✓ Standard SDK



Specifications

Capacity

Face Capacity	3.000
Fingerprint Capacity	5.000
ID Card Capacity	10.000
Logs Capacity	100.000

Hardware

Platform	ZEM600
CPU	32bit MultiBio Microprocessor 630MHz
Memory	64M RAM, 256M Flash
Sensor	ZK Optical fingerprint sensor
Camera	High resolution infrared camera
Relay contact	Electric door lock/external buzzer, door sensor, exit button, alarm

Display

LCD	3" TFT Touch Screen
LED Indicator	Red and Green

Environment

Oper. Temp	0°-45°C
Oper. Humidity	20%-80%

Power

Oper Voltage	12 DC, 3 A
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Communication

Comm. Port	Ethernet, RS232/485
Pen drive	USB-host
Wiegand	Wiegand In&Out

Fingerprint Algorithm

Type	ZK Finger 9.0 and 10.0 and ZKFace 5.0 for face
Identification	<=2 seconds
Verification	<=1 second
FRR	<1 %
FAR	<=0.0001%

Languages

Available	Standard English. It can include all European languages
Voices	Allowed

Keypad

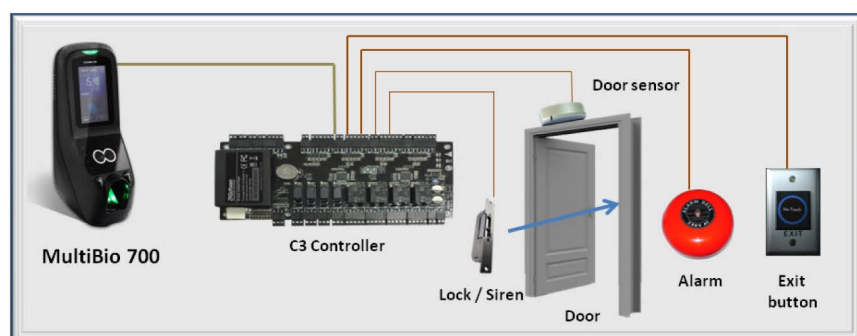
Type	Touch-sensitive keypad
Function Keys	2

Dimensions

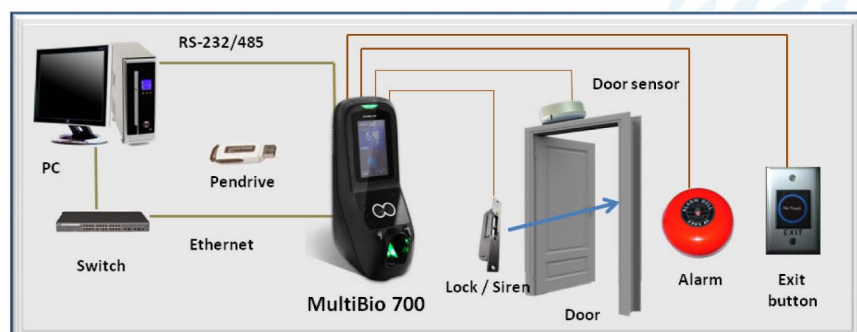
Dimensions	275x100x195mm (L x W x D)
Weight	0.87kg

Firmware

O.S	Linux
Applications	AC (groups and TZ) and T&A
SDK	Standard SDK



Connectivity diagram 1



Connectivity diagram 2