

MX-BIO500

Multi-Biometric Professional Access Control Terminal

MXBio500 is a new generation multiple biometric identification product. Integrating with Face, Fingerprint and PIN recognition and optional with RFID mode. It performs up to 20 verification methods all in a single device conveniently.

Multi-Bio500 can be used as a standalone 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 MultiBio500 also includes a USB port for offline data backup/management.



Overview

MXBio500 Multi-Biometric Professional Access Control Terminal is a new generation multiple biometric identification product. Integrating with Face, Fingerprint and PIN recognition and optional with RFID mode. It performs up to 20 verification methods all in a single device conveniently.

MXBio500 stores 1500 faces and 2000 fingerprint templates and identifies users by 1:N mode. When users glance into the MutiBio500 camera, it captures the relative position, size, and shape of user's eyes, nose, cheekbones, and jaw features. These parameters are used to create a biometric template which is then used to subsequently verify or identify each user.

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Features

Fast and Accurate Fingerprint and Facial Identification Algorithm

1 stand or 1 touch a second user recognition. Stores 1500 faces and 2000 fingerprint templates

Multiple Verification Modes

20 verification modes are available to improve security level. Default verification modes are Fingerprint only, Face only or RFID only. Other 19 modes are available.

Easy Installation and Connectivity

1. Wiegand input & output.



MX-BIO500

Multi-Biometric Access Control

2. Network interface by TCP/IP or RS485

Full Access Control Features

1. Anti-passback.
2. Access control interface for 3rd party electric lock, door sensor, exit button, alarm and doorbell
3. Good Performance in Dark Environment
4. Infra-red optical system enables machine to work well at night.

Specification

Model	MX-BIO500F	MX-BIO500FT
Identification Way	Multi-Biometric Professional Standalone Access Control Terminal	Multi-Biometric Professional Standalone Access Control Terminal +ID Card
Face capacity	1500	
Fingerprint Capacity	2000	
ID Card capacity	10000 (optional function)	
Logs capacity	100,000	
2000mAh Backup Battery	N/A	
Display	3 Inch Touch Screen	
Communication	TCP/IP, RS232/485, USB-host, WiFi (optional)	
Access Control Interfaces for	3rd party electric lock, door sensor, alarm, wired bell and exit button	
Wiegand Signal	Wiegand in and out	
Optional Functions	ID Card, Mifare card	
Power Supply	12V/3A	
Dimension	275*100*195mm	
Gross weight	1.5kg	

