

Biometric Terminal Kimaldi KBio Offline



- Offline real time operation
- Automatic finger detection and auto-on
- It enables to store up to 4,000 fingerprints
- Connectivity: RS-232, TCP/IP, Wi-Fi or CAN

Kimaldi KBio Family

Biometric Access control terminals based on fingerprint identification:

- ✓ Easy use and reliable device
- ✓ Finger detection and auto-on
- ✓ Stand-alone terminal and RS-232, TCP-IP, CAN and Wi-Fi connectivity available
- ✓ Software and hardware easy integration, offering a reliable biometric technology system
- ✓ Typical applications: access control to hotels room, retirement homes, camping sites, time&attendance, access to server's room, management centers, access to Data Processment Center's, etc.

DESCRIPTION:

Access control system with **biometric fingerprint identification**. Reliable and secure system. It prevents identity theft and badges or password duplication. Just placing the finger on the biometric reader, the user is identified, and if it's a registered user, the access is automatic and an event is stored

Access control with off-line biometric identification and on-line user database management.

The KBio Offline terminal has two working modes: Access Control and Time&Attendance

FEATURES:

Offline functions: stand-alone terminal not subordinated to the host communications. When terminal detects the finger on the optic sensor, the fingerprint is captured and 1:N identification with the rest of database fingerprints is done. If the fingerprint is registered, the opening is activated and the event is stored. Later, all this information can be downloaded.

- **Access Control:** after every identification, the information is sent to the host. Every event is stored with date, time and identification result information, can be downloaded by a command sent from the host. KBio capacity for 8,000 events.
- **Time&Attendance:** F1 and F2 function keys work as stand-alone working mode to indicate the number incidence. The terminal stores the event with time, date, ID code and number incidence. It can store up to 1,000 events

Online functions: users enrollment and DB management, function keys, digital inputs monitoring, real time operation and reclaimed events is available. After every identification, the information is sent to the host.

Semi-online functions: once the terminal has made the identification, the host is able to validate it according to programmed requirements. If communications fail, it goes on to off-line function

- OCX for Visual Basic programming
- Optic reader with high features and no maintenance required
- Leds and beepers for different functions
- Max. users: 1,000 / 4,000 fingerprints
- RS-232, TCP/IP, Wi-Fi or CAN connectivity
- Optionally, the Kbio terminal can incorporate internally a RFID reader for RS-232, TCP/IP and Wi-Fi versions. With a RFID reader, 1:1 verification is made quickly and locally in the terminal, even working with 4,000 users

There is as well an OEM version: it's possible to supply the electronic board, fingerprint sensor or others components separately.

TYPICAL APPLICATIONS:

Access control to hotels room, retirement homes, camping sites, time&attendance, access to server's room, etc.

TECHNICAL SPECIFICATIONS:

Resolution	500 dpi
Fingerprints capacity	1,000 / 4,000 users
Average identification time	2-3 seconds for 1,000 fingerprints
Events	Up to 8,000 events
Enrollment	Users can be enrolled and deleted from the host
Keys	2 on-line and 1 off-line key
Leds	3
Acoustic indicator	Buzzer
Door's options	1 relay
	Opening time configureable
Digital inputs	3 with on-line monitoring
Connectivity	RS-232, TCP/IP, Wi-Fi or CAN
Temperature range	-10 °C to 50 °C
Size (mm)	112 x 170 x 56 mm
Weight	Approx. 450 gr.
Programming	OCX for VB programming available
Case	polystyrene