

BioMax2

Advanced capacity and features



- Powerful and versatile on-line terminal
- Basic connectivity RS-232, Ethernet UDP, TCP/IP, optionally Wi-Fi
- Optionally, mixed authentication with proximity, smart card, magnetic stripe or barcode
- Stainless Steel, Plastic or OEM version case





BioMax2

Advanced capacity and features

Kimaldi BioMax2 terminal

On-line terminal for access control with biometric fingerprint reader. Security and convenience for users in order to avoid identity theft. User don't have to press any key, just placing the finger on the biometric sensor she or he will be identified

BioMax2 terminal improvements:

Integrated IP communications:

- UDP (KSP)
- TCP/IP
- Wi-Fi optional

More faster:

- IP port
- Peripheral serial port: 115.2 kbps
- Host serial port: 115.2 kbps

It allows up to 4 readers (2 systems):

- Two configurable ports RS-232
- Two ports TTL

Software tools

• Development software:

- OCX
- DLL and DLL.NET
- ASCII
- Kimaldi tracking service

• Software demo:

- VB6 project with main features

Description

Fingerprint on-line terminal for Access Control and Time&Attendance solutions. With RS-232, Ether net UDP interface, TCP/IP and optionally Wi-Fi. It allows different hardware solutions

Wide number of fingerprints (For FP model):

- **1:N Identification** fingerprint only: up to 2.500 users or expandable to 10.000 users or more using software development Kit. To get this users' number you need to log your finger (each finger means two scanning of the fingerprint)

- **1:1 Verification** fingerprint + combined method: with no users' limit

Optionally, the biometric authentication by fingerprint can be combined with:

- Low frequency (125 kHz) or high frequency (13.56 MHz Mifare)
- Smart card
- Magnetic stripe reader
- Barcode reader
- Password

Operating temperature: -20°C a 80°C

Features

- > On-line working mode: control in real time
- > It allows different hardware solutions
- > Optional combined authentication with proximity, smart card, magnetic stripe or barcode
- > Basic connectivity: RS-232 and Ether net UDP, TCP/IP, optionally Wi-Fi
- > Metallic, plastic or OEM version case
- > Four relays and digital inputs
- > User interface with display, keyboard, beeper and leds

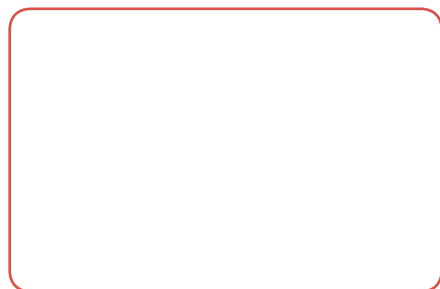
Typical applications

- > Sports club access control
- > Gyms
- > Car parks
- > Hotels
- > Universities

> As well for production management systems, industrial applications, industrial weighing, etc.

Technical Specifications

Supply	5 vdc
Host connectivity	
• Ethernet (IP)	Integrated 10 / 100 Base-T, UDP protocol , TCP/IP Wi-Fi (optional, RS-232)
• RS-232	Configuration port (host or reader)
Peripheral connectivity	
• RS-232	1 or 2 ports - Biometric – Secondary reader
• TTL Clock&Data	2 ports
Digital outputs	4 relays, 2 connections, beeper and 5v
Digital inputs	4 digital inputs – optic barrier
User interface	Display, keyboard, beeper and LEDs
Automatic functions	Success / failure / multireading filter and retr lighting
Stainless steel case	142 x 209 x 57 (82) mm / 1,48 kg.
Plastic case	165 x 210 x 70 mm / 428 gr.



www.kimaldi.com

Kimaldi Electronics, S.L. - Central - Spain / kimaldi@kimaldi.com
 Kimaldi Lusa Lda. - Portugal / portugal@kimaldi.com
 Kimaldi de México S.A de C.V. / mexico@kimaldi.com
 Kimaldi France / france@kimaldi.com