

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



Kimaldi BioMax2 terminal

On-line terminal for access control without biometric fingerprint reader. Security and convenience for the users, avoiding identity theft. The 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 opcional

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, Ethernet UDP interface, TCP/IP and optionally Wi-Fi. It allows different hardware solutions

Wide number of users:

- *Identification 1:N only with fingerprint* ⇒ 5000 fingerprints or expandable up to 20.000 fingerprints or more using eNSearch.
- *Verification 1:1 fingerprint + mixed method* ⇒ limitless users

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

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 Ethernet 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, gymnasiums, car parks, hotels, universities, etc. As well for production management systems, industrial applications, industrial weighing, etc.

Especificaciones técnicas

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 retrolighting .
Stainless steel case	142 x 209 x 57 (82) cm / 1,48 kg. .
Plastic case	16,5 x 21 x 7 cm / 428 gr. .

