

## BIOMAX TERMINALS WITH DIFFERENT READERS:

- Electronic board to manage and control the peripherals
- BioMax can manage 2 readers: fingerprint reader, memory and smart card reader, magnetic and barcode reader, proximity and contactless readers.
- Interfaces for display, keyboard, beeper, leds, digital inputs and relays.
- Connected to the host by RS-232 or with converter to Ethernet
- BioMax comes with a Windows OCX control to program it
- No polling required, when a reader reads data, it is sent directly to the host
- Powerful and confident system to create a huge network of readers



Terminal BioMax FP: plastic case



BioMax electronic board

## INTERFACE & SUPPORTED DEVICES

- Reader or peripheral 1: RS-232
- Reader of peripheral 2: Clock&Data
- Display 2 x 20
- Keyboard of 16 keys
- Outputs: 4 relays, 2 leds connections, 1 beeper connection, 5 vdc output
- Inputs: 4 digital inputs
- Connected to a host: RS-232 ( opt. converter to Ethernet )

## MAIN ADVANTAGES

- Use the Ethernet networks already installed to build up a network of terminals
- It's possible to implement efficient on-line applications with fingerprint readers due to the TCP/IP bus speed
- You can integrate of all kind of readers
- Software development does not depend on reader's type. Once the software is developed we can use magnetic readers, proximity, fingerprint readers...
- Easy programation of a powerful terminal

**OEM MANUFACTURE:** it's possible to supply the electronic board alone. We can supply: BioMax board, display, keyboard, reader, etc. The integrator can mount BioMax in its own case, or in a turnstyle or any other place where need to be installed. For quantities we can supply custom front printing keypad.

**TYPICAL APPLICATIONS:** Access Control to sport club buildings, gymnasiums, car-parks, fun resorts, hotels, universities...; production control; industrial applications, industrial weight systems...

**TECHNICAL SPECIFICATIONS:**

<b>Power:</b>	12 vdc
<b>Host communications:</b>	RS-232, optionally converter to Ethernet
<b>Inputs:</b>	RS-232 9600,n,8,1 ( reader 1 )
	TTL track 2 ABA ( reader 2 )
	4 digital inputs
<b>Outputs:</b>	Keyboard 16 keys
	Display 2 x 20 characters
	4 relays
	2 led outputs ( source )
	1 beeper output ( drainer )
	5 vdc / 400 mA
<b>Dimensions and weight:</b>	Electronic Board: 118 x 108 x 28 mm ( LxWxH ) / 171 gr.
	Stainless steel terminal: 142 x 209 x 57 x 82 / 1,48 kg.
	Plastic terminal: 16,5 x 21 x 7 cm / 428 gr.

**BIOMAX TERMINALS WITH DIFFERENT READERS:**



Terminal **BioMax FP** ( fingerprint reader )



Terminal **BioMax Mag** ( magnetic or barcode reader )



Terminal **BioMax Chip** ( memory or smart card reader )



Terminal **BioMax Prox** ( proximity reader 125 kHz or Mifare )