



BioGate

Access Control and Time Attendance System

The BioGate works in everyday conditions without any trouble and problem under every circumstance.

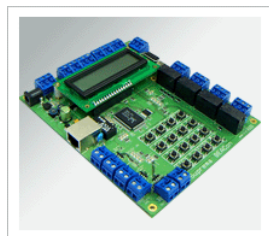
The BioGate is simple to use for home door and/or garage locks in one-family or multiple-family houses, office and companies up to 9000 employees.

Special features are the definition of **time zone** and duress fingerprint for **different** relay out.

The BioGate is an innovative fingerprint system offering unparalleled performance for physical access control using an award winning fingerprint recognition algorithm.

Industry's fastest identification speed of BioGate eliminates the need of keys, cards or Pin's even for large enrolments of more than thousands of users.

As a stand-alone fingerprint identification system, the BioGate integrates fingerprint capturing, processing, identification and storage in one system. The BioGate works stand-alone without the need of a PC.



The BioGate can connect also to a PC as a host via RS232C or more than one BioGate can work in a RS485 network.

The BioGate is an advanced biometric access reader equipped with award winning fingerprint recognition engine for fast one-to-many fingerprint identification.

Enrolled with more than thousands of users, identification can be done in less than one second. The BioGate provides a thermal fingerprint sensor.

The BioGate consists of an embedded fingerprint identification module with a 400 MHz DSP, memory for **9000** user and the Thermal-Sweep-Sensor, one RS-232C and one RS-485 interface, three digital OUT ports, two digital IN ports and one tamper switch. Wire connection by terminal clamps.

The BioGate works also in a "remote mode" for time attendance. Connected to PC via RS-232C or in a RS-485 network or with USB / LAN /WLAN adapter-

Host/Access Controller (BEACon) is a door controller with built-in LCD and keypad. Connected to BioGate, Host/Access Controller will eliminate the need for a host PC and enhance the security level of your application. With its easy operation, Host/Access Controller provides the best solution for simple access control system in a cost-effective manner. Easy setup and fingerprint registration using LCD and keypad. Realize a complete access control system without a host PC in standalone mode. **TCP/IP** and RS232/485 interface on Board.

TECHNICAL SPECIFICATION

Memory	BioGate 9000 User
Dim. Sensor-Unit	98 x 64 x 40 mm ABS Plastic case IP65 RAL grey
Processing Board	400 MHz DSP, RTC, Watchdog, Encrypt, Firmware update
Matching speed	1000 FP/sec.
Sensor	Atmel Thermal-Sweep-Sensor 500dpi
Registration	BEACon or PC
Delete	BEACon or PC
Power fail	Fingerprint data will be saved and will not be erased.
Power	9-12V DC /140mA, Reverse voltage protected
Audible User Feedback	Piezo Beeper
Temp.	-15° C - +50° C
Interface	1 x RS232, 1 x RS 485,
Ports	1 x digital Out
Security	Backup Battery for RTC

	Host/Access Controller (BEACon)
CPU	8-bit Microprocessor
Reader	BioGate / BioPass x 2
Input Switch	Door Contact x 1, Request to Exit x 1, Configurable x 2
Output Relay	Form C Relay (Common/NC/NO, 250V/5A) x 2 Extendable up to 4
Host Communication	RS232, RS485, TCP/IP
Display	16 x 2 character LCD
Keypad	16 Numeric Keys
Power	12 VDC / 300mA, Reverse voltage protected
Operating Temperature	0° C ~ 50° C
Humidity	0 ~ 90% Non-condensing
Accessories	(optional) Plastic Case, Power Adaptor

BioAdmin Server/Client Software

Device-, User- and Log data-Management, System time sync. Time zone settings for access control
Up- and Download user data from and to Sensor-Units, Duress finger for different relay

Log data:	Export as report file convert to different data format e.g. Excel (.csv) file
Security:	Software Password
OP System:	Windows 2K/XP - Database MS Access, MySQL, MS SQL Server

Manufacture warranty 24 months

Distributor:

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