

# LogLock2000 Access Control and/or Time Attendance System



*LogLock2000* combines a sophisticated access control system and an attendance system with a built-in electronic door-strike controller. It utilizes factory-guaranteed world-unique electronic keys with key-ring holders, known as iButton. The unit allows up to 800 different people (using the iButton keys) to be stored in it, each person with their own time zone access restrictions. You can add or delete individual keys at any time. You can assign time-zone restrictions to users. A single time zone can have multiple entries for different day/time combinations. Time zones also include a holiday restriction setting. Using its battery-backed built-in real-time clock, the system keeps track of all successful entries and/or exits. This information can be used for payroll calculations or other attendance related purposes. The system connects to any computer via its **Ethernet bridged RS232**

**interface (or for some models only via the RS-232 interface)**. Since the system has all the necessary firmware built-in, it only requires some terminal emulation software on your computer side. Therefore, any type of computer (**PC, Linux, Mac, palmtop, etc.**) with terminal emulation capabilities Ethernet or RS-232 port (depending on model), regardless of OS manufacturer or version, can be used to connect to the **LogLock2000** system to either configure it, or view/edit its database. No need for rechargeable back-up batteries. All information inside the unit is remembered even between power failures. The unit can be placed either outside the premises (when its PIN capability is required) or inside (for minimal physical access).

The **LogLock2000** uses the same electronic keys as our smaller access control system **UNiLOCK**, but gives a preferred solution for every application where a *log record* is needed for any reason. **LogLock2000** has the ability to record any granted (or attempted) access with user & date/time information. This makes **LogLock2000** a time attendance system, as well. Also, you can (dis-)allow the access for any *user independently* at pre-programmed times and holidays zones!

Powering the **LogLock2000** Access Control with a 9-12VDC 1300mA power supply unit is sufficient for most common electric strikes (not included). A universal 100-240 volt @ 9VDC/3A power supply is available as an optional part.

**Note:** **LogLock 2000** will keep a log of up to 15120 accesses. The next access will force the system to delete the oldest 2520 entries to make room for newer ones; at any time the 12600 + most recent accesses are in the internal memory. Data kept in that memory are always safe until downloaded and erased by (password-protected) commands of the administrator.

**LogLock2000** comes with a two-year warranty

<b>LogLock2000</b>	Access Control & Time attendance System 800 user 15000 accesses log that records date-time-user name	LIST PRICE
<b>Option SPSU9H</b>	Optional Universal Switching Power Supply 100-240V, 47-63Hz, 9V DC 3000mA	LIST PRICE
<b>iButton key</b>	iButton electronic key for LogLock2000 & UNiLOCK Unique ID electronic key, water-resistant, stainless steel	LIST PRICE
<b>LAN bridge</b>	A RS-232 to LAN converter (built-in in some models) Translates a serial RS232 port to a LAN port	LIST PRICE

## ASPiSYS LogLock2000 specifications

User	Up to 800 (re-)programmed users, each one with their own iButton ID, name, optional PIN, and optional access zone and/or holiday restrictions.
Log records	Max 15120 accesses (a wrap around memory will always keep available the most recent 12600+ accesses)
Keypad	4x4 Keypad for users' PIN, enter, delete, etc. commands
Key system	Unique electronic iButton key (same one used with UNiLOCK)
Display	LCD 16 character by 2 line backlit
Display languages	English, Greek (more will be added on demand)
Timer	Battery backed-up RTC keeps track of yy-mm-dd hh:mm
Time zones	1000 Time zones. Each user can have unrestricted access or separately defined time zone controlled access.
Output	1 capable to drive any electric strike with 8A max current 1 capable to drive any aux device with 3A max current NOTE: Total current consumption capability of the system depends on the PSU, <u>NOT</u> the LogLock2000.
Strike driver system	Pulsed or DC (programmable from the setup menu)
Strike ON time	0-25sec (100msec resolution) programmable from the setup menu (0 sec is used for latching type strikes)
Aux Inputs	1 for optional "Request Exit" push-button switch (REX)
Communication	With any Ethernet (or RS-232) terminal regardless of OS
Configuration	Password-protected system settings
Communication port	Option1: Serial RS-232 thru an internal RJ-45 jack Option2: Ethernet RS-232 bridge
Power	12VDC (works at 9-15VDC) @ 300mA, LogLock only (total system current depends on the used electric strike's specs and any aux devices used)
Temperature	
<b>Operating</b>	0 - 45 °C
<b>Storage</b>	-40 - 75 °C
Humidity	
<b>Operating</b>	10% - 90% (non-condensing)
<b>Storage</b>	0% - 95% (non-condensing)
Housing Case	ABS UL-94HB Plastic (off-white RAL9002)
Protection Class	IP-54 (according to EN60529/IEC529)
ESD Protection	20kV (HMO)
Dimensions	180 x 130 x 86 mm (7.1" x 5.1" x 3.38")
Weight	495gr

For technical support and info call us at (+30) 210 771-9544 or e-mail us at [info@aspisys.com](mailto:info@aspisys.com)