

UNiLOCK Mini Access Control (by ASPiSYS)



UNiLOCK is a mini **ACCESS CONTROL** system for those who need a more economical solution. It uses the unique electronic keys **iButton®** (by Maxim) to provide a "bullet-proof" access control solution that magnetic or other plastic cards can not! Up to **160 different users** can be programmed, each at the push of button, without even using a PC or other special "writer" device that most other types of 'keys' normally need. Just press an internal push-button and the new user's **iButton unique ID key** is added! Equally easily, you can also delete all users in case you need to re-key your lock for security reasons. The **UNiLOCK** controller comes in a small plastic box that can be easily installed almost anywhere inside the guarded area (up to 120m from the access point by using CAT5 cable), leaving nothing on the outside a potential intruder could use to override the system. Only the round two contact reader stays outside the access controlled point (door), and that's where users simply touch their **iButton** key for a fraction of second to be granted access. No annoying "retries" that other access control types (i.e. fingertip or card type readers) are famous for. The key IDs are safely kept in a non-volatile memory inside UNiLOCK and cannot be forgotten due to a power failure. Optionally, you may connect a common NiMh 9V 170mA (or greater) rechargeable battery inside UNiLOCK to have several accesses in case of a mains failure. *UNiLOCK is accompanied by two iButton keys and a reader. Additional keys and readers (for parallel connection) may be ordered at any time. With an optional RS-232 connection to a common PC, keys can be added or deleted*

one by one, users assigned tags/names for easier management, and some special parameters (like the door strike time) can be changed from the default. A PC is never required for most common installations where the default OEM settings are adequate.

UNiLOCK is a 160-user stand-alone access control system using iButton electronic keys used by the US forces, banks, and many government agencies around the world. It provides an economical way for everyone to have a "bullet-proof" access control system. UNiLOCK is perfect for smaller installations, such as small companies, offices, warehouses, garages, computer rooms, and anywhere you can imagine, even for home use, or apartment buildings (main entrance and each apartment)! With appropriate electric strikes, it may also be used to control access to rack cabinets (i.e. main server of your company). You only need to connect a 9-12V DC @ ~1000mA power source (amperage depends on the selected strike's specs), connect the reader and the strike, and your system is ready to work! Programming or re-programming the UNiLOCK with your set of keys can be done without the use of a PC, "special writer," or other programming device which usually add "hidden" costs to other types of systems! With UNiLOCK you only pay for the system that actually does all the work, no extra devices that usually end up stored away (and often lost) after initial programming!

Note: UNiLOCK is not a logging type of Access Control System. It only allows access to users whose iButtons are pre-programmed in the system. The date and time of access or other information isn't logged.

If you need an Access Control that has logging capabilities, please check our LogLock 2000 system that uses the same iButton electronic keys and can log more than 15000 accesses for up to 800 different users, good for most small to large business needs.

UNiLOCK comes with a two-year warranty

UNiLOCK Mini Access Control System (includes 2 iButtons & 1 reader)
Stand-alone Access Control system for up to 160 users

€120⁰⁰
LIST PRICE

iButton Extra iButtons, each

€6⁰⁰

ASPiSYS UNiLOCK specifications

Output voltage for strike	Related to power supply voltage of UNiLOCK
Default strike duration	1.5 sec
Max Distance of reader	120m (CAT5 cable) or 30m for any twisted pair cable
Output	1 clamp pair (pulse or DC, ask for factory preset type) capable to drive any 9- 12V electric strike
Input	1 clamp pair for iButton reader 1 clamp pair for Request To Exit switch (REX)
Connectors	2x 4 banks screw clamp
Back Up Power	Clip for optional rechargeable NiMh 9V 170mA
Programming method	Internal hidden micro switch for adding or deleting users
Users	Up to 160, re-programmable (Special version 128 with sequence log.)
Warranty	2 years
Temperature	
Operating	0 - 45 °C
Storage	-30 - 70 °C
Humidity	
Operating	10% - 90% (non-condensing)
Storage	0% - 90% (non-condensing)
Power	12VDC typical (9-13V) @ ~1300mA (depending on electric strike used). NOTE: Up to 5A @ 12VDC can pass thru the UNiLOCK
Dimensions	98(L) x 68(W) x 31(H) mm (3.8" x 2.7" x 1.25")
Weight	135gr (145gr with 2 iButtons 1 reader and the package)



UNiLOCK package

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