

## EL500-X-2B Powerful Access Control + Time Attendance System with Display, EM125 kHz Technology

EL500-X-2B is high level access control terminal with time attendance function with Display, EM125kHz technology.

The terminal features with stand-alone mode, network mode via RS485 or build-in TCP/IP; 2,000-5,000 cardholders can be registered, events reach up to 10,000. Work modes include Card only, PIN only, or Card+ PIN with backlight keypad. With 15 changeable time group (each time group has 8 days including 1 holiday and each day has 5 time schedule), EL500-X-2B can meet different regulatory requirements.

Blue LCD makes it an attractive solution for indoor use. It also features an external reader for anti-passing back (Wiegand port) for high security.

Several kinds of software platform is available by ELKO application software or SDK via COM (Component Object Model) interface for customer's further development in short time.

SDK	Available for customer's further application development
Easy Tool	Medial development software for access control + time attendance solution It's easy to integrate into users' software and save user much development time and effort
EasyAccess_Office	Ready to use Access Control software for small system with Access database
EasyAccess_Office_Net	Ready to use Access Control software for small system with SQL database
EasyDo_Office	Ready to use Access Control + Time Attendance software for small system with SQL database

### Advantages

- Stand-alone mode and network mode
- 2,000 user, expandable up to 5,000 user
- 10,000 event records
- Card, Card + PIN, PIN mode
- Changeable 15 time group, each time group has 8 days including 1 holiday and each day has 5 time schedule
- Build-in TCP/IP interface
- APB function, external reader for anti-passing (Wiegand port)
- All I/Os and operating times user keypad programmable
- 2 inputs and 2 outputs
- Housing sabotage alarm
- Dual function for access control and time attendance
- Watch-dog timer & power on reset
- PC housing material

### Order Code

EL500-X-2B	
	Housing design B - LCD
	Features 2 - Card + PIN + LCD
	Interface 4 - RS485 2 - RS232 T - TCP/IP (optional)

### Product Images



EL500-X-2B  
120\*90\*25mm

**Specifications**

<b>Model</b>	<b>EL500-X-2B</b>
Supporting card	EM125kHz technology
Power Supply	9V DC (9-24V), <200mA
Cardholder	2,000, expandable to 5,000
Stand alone	Yes
Network	Yes, via RS485 (up to 98 units) or build-in TCP/IP
Communication	9600-115200 bit/s (default 9600)
APB	External Wiegand 26 reader
Operation Mode	Card, Card + PIN, PIN
Records	Max. 10000
Memory	128K Byte EEPROM
Alarm	1) Door non-closed detection 2) Housing sabotage alarm 3) Door broken alarm 4) Duress alarm in case of emergency 5) 90% full of memory
Keypad	3*4 keypads with backlight
LCD	Blue LCD dots matrix with backlight, 2 lines * 16 characters each line
Input device	2 inputs (push button, door state sensor)
Output device	2 relay outputs (lock, alarm)
Reading distance	50mm (depending on transponder)
Indicators	Buzzer and LED
Housing	PC
Temperature range	-20°C ~ +60°C / -4°F ~ +140°F
Relative humidity	20-95% (non condensing)

Specifications are subject to change without notice.

**Relative Products**

- ✧ EL500-X-2B can register a few number cards on stand-alone application, and professional desktop reader EL200-U is required for card batch issuing on stand-alone or network application.
- ✧ Full range of cards and tags available to meet complete solution.

## Hardware Testing Package (HTP)

A plug & play Hardware Testing Package (HTP) is provided to ease your fast testing and evaluation. For EL500-X-2B, the package name is HTP1; the package is listed as the table below.

Item List	Photo	Qty
Testing Board		1
Power supplier		1
RS232 cable		1
Wire		4
Testing Cards		2~8
RS232 / RS485 convector		1

## Configuration

