CIVINTEC™

EL600-X   EM 125KHz Intelligent Access Control & Time Attendance System

EL600-X is high performance EM 125KHz terminal with powerful access control and time attendance function.

The system supplies 15 changeable time group, 10 holiday table, 30 kinds of alarm mode and 20 groups of alarm setting. Users can utilize such function to meet various management and high security requirement. Additionally 4 function keys on the backlight keypad area are designed for special clock-in/out.

Via related software, EL600-X supply three kinds of reports including Time Attendance report, Alarm Record search, and In/Out Record search. Furthermore, several kinds of software platform are also available for customer's further development.

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 data

Advantages:

- 2M Byte flash memory, expandable up to 8M Byte
- Work mode: Card only, PIN only, Card+ PIN
- Adjust Controller time
- Guarantee that the record does not lose
- Build-in battery to ensure operation during power failure

- External reader for anti-passing (Wiegand port)
- Data can be kept up to 10 years while power failure
- Capable to set whether to record events in order to save memory capacity
- Provide self-test code to detect during system failure
- 4 function keys on the backlight keypad area for special clock-in/out

Order Code

EL600-X

Interface
4 - RS485
2 - RS232
T - TCP/IP

Product Images

EL600-X
155.2 x 170 x 40mm

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Specifications:

Model	EL600-X
Power Supply	DC9V(9-24V), <250mA
Technology	EM 125KHz technology
LCD	Large LCD 128*64 dots matrix with backlight
Display	4 lines, 16 characters each line 1st line: month/date, hour/minute/second and battery volume status as default 2nd, 3rd, 4th line: User-defined, such as Name, ID Number of cardholder, IP address, etc
Keypad	3*4 keypads + 4 function keypads with backlight
Indicators	• 4 LEDs (White LED: keypad power indicator; Red LED: reader power indicator; Green LED: door open indicator; Yellow LED: alarm indicator) • One beep Buzzer
Memory	2MByte flash(expandable up to 8MByte), 32KByte EEPROM
Battery	Build-in Ni-MH battery, 6V/1800mAH
Interface	RS232, RS485, TCP/IP build-in (as optional)
Stand alone	Yes
Online with PC	Yes, up to 98 units
Baud rate	9600-115200 Kbit/s (default 9600)
APB	External Wiegand26 reader
Alarm function	30 kinds of alarm mode, expandable 20 groups of alarm setting, which could be activated according to timetable status
Time Schedule	Changeable 15 time group, each time group has 8 days including one holiday and each day has 5 time schedule, 10 holiday table
Log Capacity	100,000 records
Cardholder	2000 (5000 or 10,000 as optional)
Input device	4 photo coupler isolation inputs (exit button, door state sensor, fire sensor, infrared sensor)
Output device	2 TTL outputs (Source Current DC5V/5mA Max) and 2 relay outputs
Indoor/Outdoor	Indoor
Operating temperature	-20°C ~ +60°C / -4°F ~ 140°F
Operating Humidity	20%~95% relative humidity non-condensing

Specifications are subject to change without notice.

Relative Products:

✦ EL600-X 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

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Hardware Testing Package (HTP)

A plug & play Hardware Testing Package (HTP) is provided to ease your fast testing and evaluation. For EL600-X series products, 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

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