

## EL 600 – X EM 125kHz Intelligent Access Control & Time Attendance System

With beautiful and fashion shape, EL600 intelligent terminal is a powerful and high level access control and time attendance system. It has large memory size and can realize fast process. With build-in 1800mAh battery, EL600 ensure operation during power failure. EL600 is considered with many kinds of alarm mode, so users can define or choose what they need conveniently. EL600 has RS232, RS485 and build-in TCP/IP interface, so it is easy for one door or network application.

To ease and quicken development of own time attendance software by user's side, EASY TOOL is provided as device management software.

### Advantages

<ul style="list-style-type: none"> <li>✚ 32 bit ARM 7 CPU</li> <li>✚ 2M byte flash memory, expandable up to 8M byte</li> <li>✚ Cardholder 2000, 5000, up to 10000</li> <li>✚ Name, ID Number of cardholder will be displayed on LCD</li> <li>✚ 2 TTL output for flexible application use Large LCD -Display for comfortable use</li> <li>✚ Build-in TCP/IP for networking</li> <li>✚ Stand-alone and network via RS485 (up to 98 units)</li> <li>✚ Changeable 16 time group (each time group has 8 days including one holiday and each day has 5 time schedule, 10 holiday table)</li> <li>✚ Able to repeatedly reading events from the controller in case of back-up data lost</li> </ul>	<ul style="list-style-type: none"> <li>✚ Off-line stored events max. 100000</li> <li>✚ Build-in battery to ensure operation during power failure</li> <li>✚ Battery volume status display</li> <li>✚ External reader for anti-passing (Wiegand port)</li> <li>✚ 20 sets timing for siren, which could be activated according to timetable status</li> <li>✚ photo coupler isolation Input for fire sensor and infrared sensor</li> <li>✚ Data can be kept up to 10 years while power failure</li> <li>✚ Capable to set whether to record events in order to save memory capacity provides self-test code to detect during system failure</li> </ul>
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### Order Code

EL600- X

Interface  
 4 – RS485  
 2 – RS232  
 T – TCP/IP (optional)

### Product Images



EL 600 -X  
 155.2 x 170 x 40mm

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## Specifications

Model	EL600 - X
Power Supply	DC9V (9-24V), <250mA
Technology	EM 125 kHz technology
Battery	Build-in, Ni-MH battery, 6V/1800mAH
Stand alone	Yes
online with PC	Yes, up to 98 units
interface	RS232,RS485, TCP/IP build-in
Communication	9600 bps as default
APB	External Wiegand reader
Memory	2M byte flash, expandable up to 8M byte, 32K byte EEPROM
MCU	32 bit ARM 7 CPU and 8 bit MCU
Records	100,000 records
Cardholder	2000, optional: 5000 or 10000
Alarm	30 alarms, expandable
Keypad	16 keys with backlight
LCD	Large LCD 128*64 dots matrix with backlight
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
Indicators	4LEDs, buzzer
Indoor / outdoor	Indoor
Operating temperature	-20°C to 60°C
Relative humidity	20%~95%
SDK	<a href="#">Available for customer's further application development</a>
Easy Access	<a href="#">Application software for access control</a>
Easy Do	<a href="#">Application software for access control + time attendance</a>
Easy Tool	<a href="#">Time attendance device management software</a>

Specifications are subject to change without notice.

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**Configuration**

