

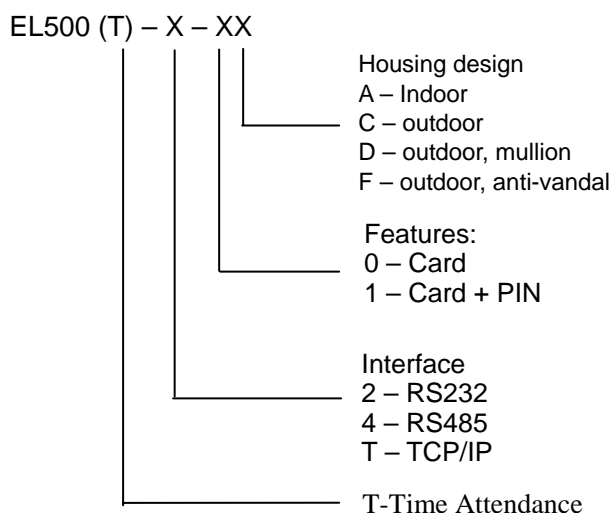
EL500 (T)-X-XX Access control system, EM125kHz technology

EL500-X-0C	Economic access control system, EM125kHz technology
EL500-X-1C	Economic access control system, EM125kHz technology, with keypad
EL500-X-0D	Mullion mount economic access control system, EM125kHz technology
EL500-X-0F	Anti-vandal access control system, EM125kHz technology
EL500-X-1F	Anti-vandal access control system, EM125kHz technology, with keypad
EL500T-X-0C	Dual access control + time attendance system, EM125kHz technology
EL500T-X-1C	Dual access control + time attendance system, EM125kHz technology, with keypad
EL500T-X-0D	Mullion mount dual access control + time attendance system, EM125kHz technology
EL500T-X-0F	Anti-vandal Dual access control + time attendance system, EM125kHz technology
EL500T-X-1F	Anti-vandal Dual access control + time attendance system, EM125kHz technology, with keypad

Advantages

- Stand-alone mode and network mode (up to 98 units);
- Vandal resistant for harsh environment [EL500(T)-X-0/1F]
- Dual function: access control + time attendance with real time clock and 1000 events (EL500T)
- Build-in TCP/IP interface optional for networking
- Up to 512 user, including one master card
- Card / Card + Pin / Pin mode
- External reader for anti-passing (Wiegand port)
- Guarantee that the record does not lose
- Correct Controller time
- Housing sabotage alarm
- All I/Os and operating times user keypad programmable
- Toggle mode for door opening/closing [EL500(T) -X-1C]
- Self diagnostics
- Watch-dog timer & power on reset
- Duress alarm in case of emergency
- Indoor and Outdoor (IP65, Epoxy potted) version for selection
- Able to repeatedly reading events from the controller in case of back-up data lost

Order Code





Wall Mount reader

EL500-X-0C
EL500T-X-0C
126*68*19mm



Wall Mount reader with keypad

EL500-X-1C
EL500T-X-1C
126*68*19mm



Mullion Mount reader

EL500-X-0D
EL500T-X-0D
44x118x20mm



Anti-Vandal Wall Mount reader

EL500-X-0F
EL500T-X-0F
120x75x22mm



Anti-Vandal Wall Mount reader with keypad

EL500-X-1F
EL500T-X-1F
120x75x22mm

Specifications

Model	EL500-X-0C, EL500-X-1C, EL500-X-0D, EL500T-X-0C, EL500T-X-1C, EL500T-X-0D, EL500-X-0F, EL500-X-1F, EL500T-X-0F, EL500T-X-1F	
Supporting card	EM 125kHz technology	
Power Supply	DC9V (9-24V), <150mA	
Cardholder	512 including one master card	
Events	1000 records with real time clock (RTC) (EL500T)	
Stand alone	Yes	
Network	Yes, via RS485, up to 98 units	
TCP/IP	Build-in TCP/IP interface	
Communication	9600 bps as default	
APB	External Wiegand 26 reader	
Operation Mode	Card/Card+Pin/Pin	
Memory	32K Byte EEPROM	
Alarm	1) Door non-closed detection 2) Housing sabotage alarm	3) Door broken alarm 4) Duress alarm in case of emergency
Toggle	Toggle mode for door opening/closing [EL500(T) -X-1C]	
Keypad	12 keys, backlight	
Input device	2 inputs (exit button, door state sensor)	
Output device	2 relay outputs	
Reading distance	5-10cm (depending on transponder)	
Indicators	Buzzer and LED	
Housing Material	PC for EL500(T)-X-0D, stainless steel for EL500(T)-X-0/1F, others ABS	
Indoor / outdoor	Both, potted version available on request	
Temperature range	-20°C to 60°C	
Relative humidity	20-95% (non condensing)	
Protection class	IP65	
SDK	Available for customer's further application development	

Easy Access	Application software for access control
Easy Do	Application software for access control + time attendance
Easy Tool	Time attendance device management software (for EL500T)

Specifications are subject to change without notice.

Configuration

