



# ET630

## Time Recording Terminal

ET630 is a versatile Time Recording Terminal with basic access control features and user friendly interface. Its elegant and compact design blends in well with office environment.

### Database Capacity

ET630 provides following storage capacity:-

- Transaction database - 6000 transactions
- Card database - unlimited user (Time Clock), 500 (Door Access)

### User Friendly

ET630 is easy to install, program and use. It has a 4x4 matrix membrane keypad with feather-touch keys for users to key in data or selection. A large backlight graphical LCD display gives precise information to users of equipment status and what data is needed to be keyed in from the user. The programming menus are simple and easy to understand and requires minimum of setup time/configuration to keep the equipment up and running.

### Networking with PC

For small offices requiring just one unit of ET630, it can be directly linked to PC's via a RS485 cable which is supplied with the unit. For larger offices, up to 16 units of ET630 can be connected together using RS485 bus, and the units can be located up to 1 km apart.

### Built-in Reader

ET630 has a built-in Proximity Reader. There are three models to choose from depending on the type of card reader used.

- ET630E - EM compatible proximity card reader
- ET630H - HID proximity card reader
- ET630M - Mifare contactless smart card reader

### Basic Access Control Features

ET630 has a basic access control function. The relay output from ET630 can be connected to an electric lock for access control. When a valid card is read, this relay will activate.

### Firmware Upgrade

ET630 uses an 8-bit reliable microcontroller, with firmware stored in Flash Memory. The firmware can be updated in-circuit, through serial download from PC.

### Database Mode

ET630 is operated in 3 types of database:-

- Access Database Cards (White) - Only the cards installed in the database are valid cards.
- Decline Database Cards (Black) - Only the cards installed in the database are invalid cards.
- Access All Cards (Normal) - All cards are valid cards.

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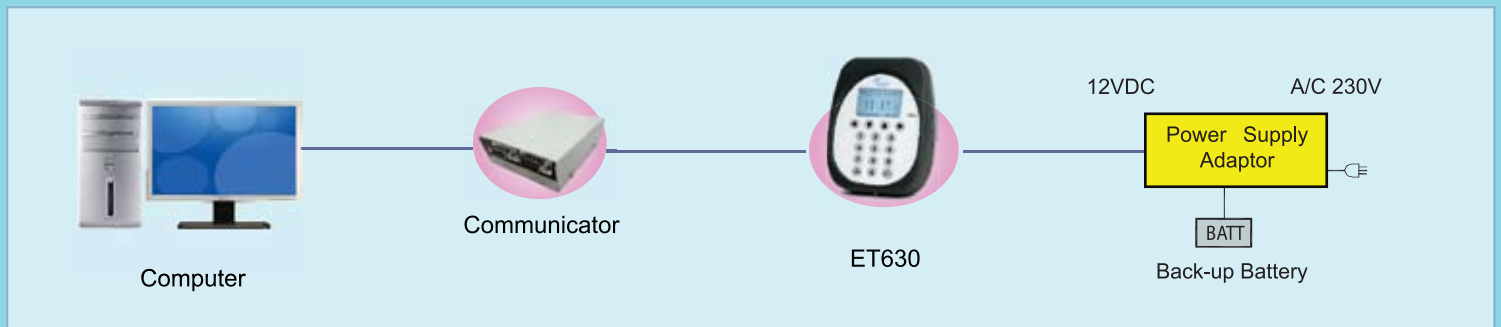
## Technical Specification

MCU	8-bit CPU running at 40 MHz
Memory	2 x 256K-bit EEPROM
Clock	Real Time Clock with Lithium back-up
Communication Interface	RS485 (2-wires)
Output	1 (General Purpose)
Input	1 (Exit Push Button)
In Reader	Built-in
Buzzer	Built-in
Indicator	Graphical backlit LCD, Buzzer
Power Supply	9V-15V
Current Consumption	300mA
Operating Temperature (°C)	0-55

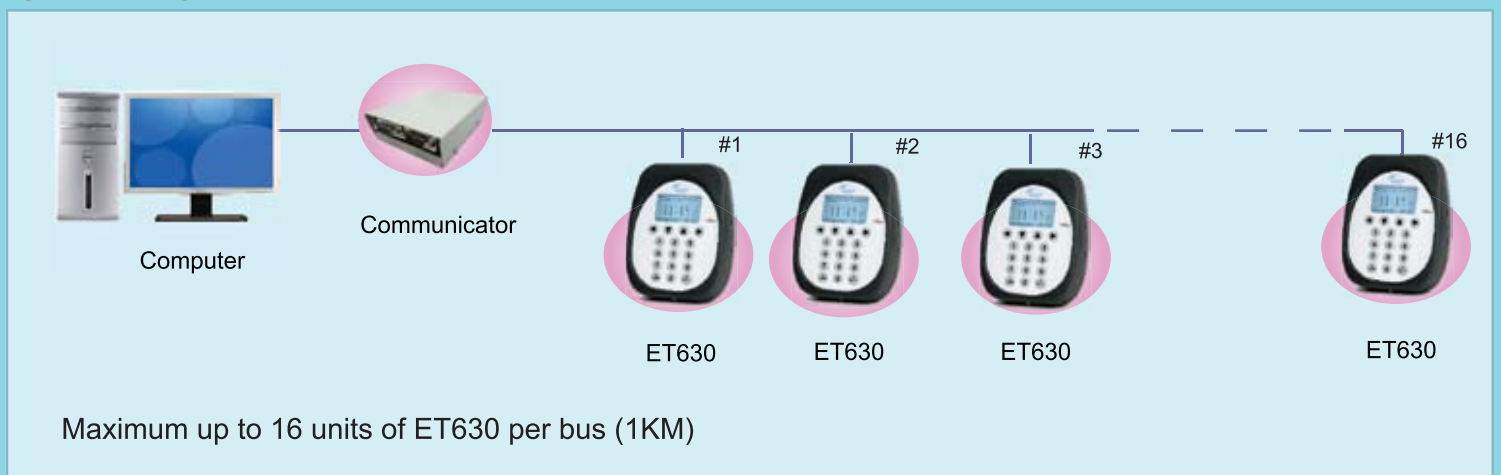
## Features

Card Database	Unlimited (Time Clock), 500 (Door Access)
Transaction Database	6,000
Card format	Wiegand 26-bit
Operation Mode	1 (Card)
Mode of Database	3
Session	1
Job Code	99
Time Zone for Sounder	1
Timer for Sounder	7
Time per Timer	30
Holiday	40
Adjustable Lock Release Time	Yes
Automatic Lock Release Time Zone	Yes
Baud Rate	2400 to 9600

## Standard Configuration



## System Configuration



For more information: check out the website at: [www.elid.com](http://www.elid.com), or contact our dealers. ELID has a policy of continous research and development , and reserves the right to change specifications without notice.

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