ET1300S System Configuration

Communicator

Time Attendance Software

Power Supply / BATT

ET1300S

Power Supply / BATT

ET1300S

— USB Cable
— 4 - Core Cable
— LAN Cable
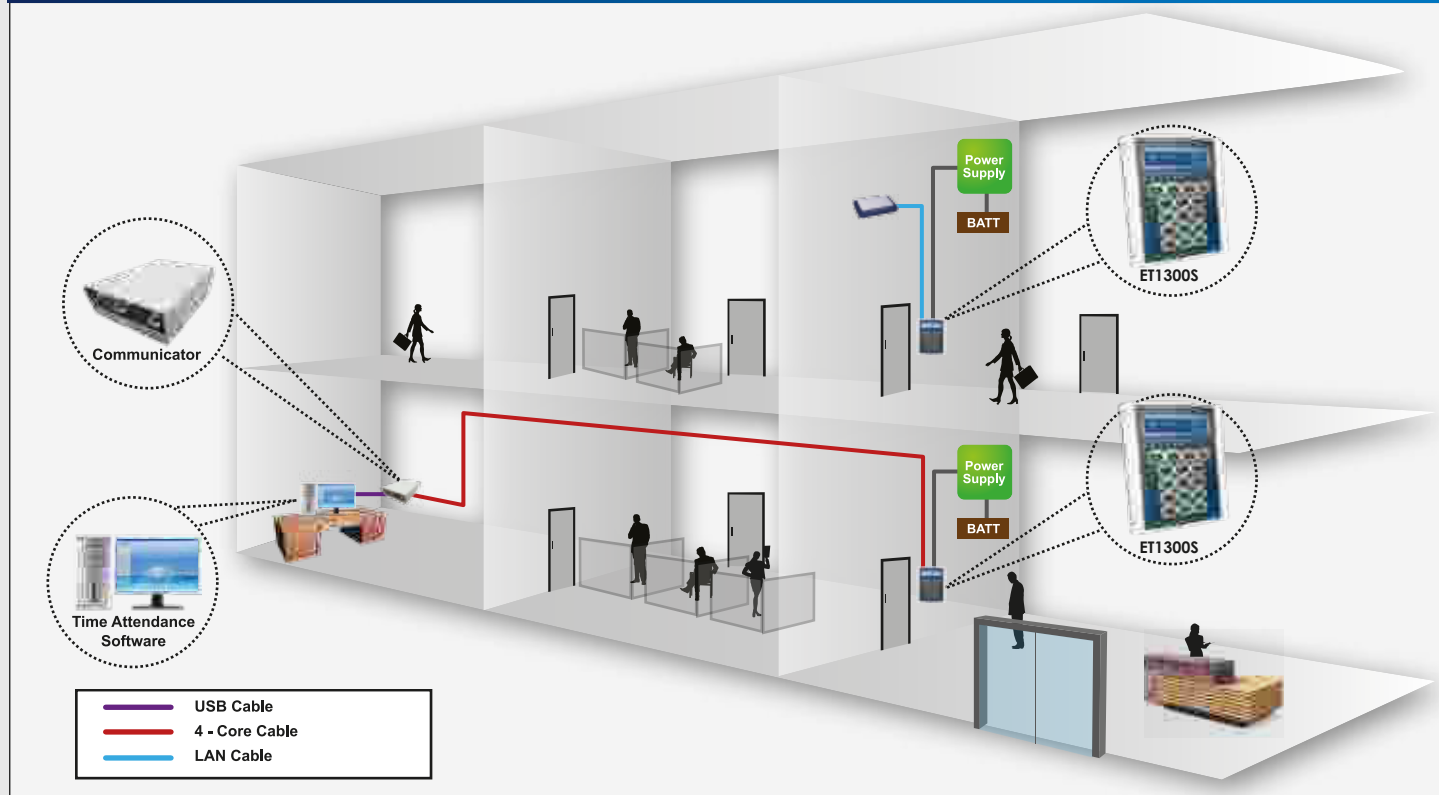
ET1300S LAN Configuration

Time Attendance Software

Communicator

Hub

#1 #2 #3 #16

ET1300S ET1300S ET1300S ET1300S

Maximum up to 16 units of ET1300S per bus (1KM)

WAN / LAN

Hub — ET1300S

Hub — ET1300S

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ELID
Identification Technologies

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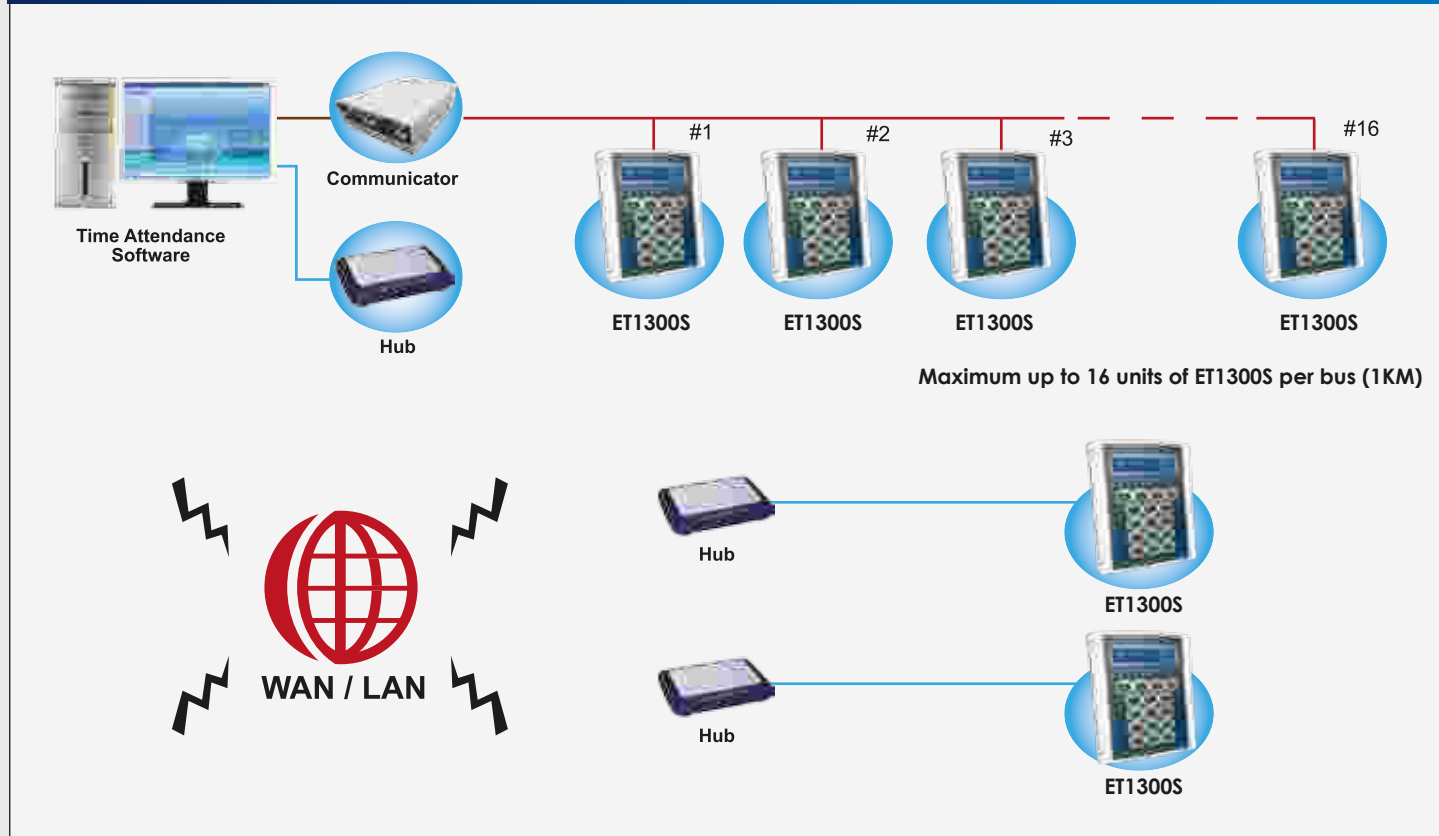
ET1300 S

TIME RECORDING TERMINAL

ET1300S is a versatile time recording terminal. Typically, it is used in place of standard punch clocks for gathering attendance records of employees. It has many advanced built-in features allowing the unit to be used for time recording application.

We Make Your World Secure

WIDE CHOICE OF CARD TECHNOLOGY

ET1300S is designed to work with a wide choice of signals from various types of standard readers. This include F2F signals (magnetic readers), raw optical signals (bar code readers), and Wiegand signals (proximity and smart card readers). For each type of reader, users can select different formats. Eg: For Wiegand signals, 4 different formats can be selected, namely, 26-bit standard format, HID Corporate 2000 format, ELID format and user-defined format.

EASE OF USE

The provision of a 20x2 alpha-numeric character display and a 16-key keypad ensure ease of programming and usage.

BUILT-IN SELF DIAGNOSTIC TESTS

A complete set of diagnostic test routines are incorporated which are extremely useful for trouble-shooting at site.

IMPROVED DATA INTEGRITY CHECKING

An improved data integrity checking is provided to reduce data loss caused by electrical surges or interference.

FLEXIBLE NETWORKING

ET1300S is equipped with Multi-drop, RS485 and LAN. For multi-drop and RS485 mode, up to 16 units can be connected together to form one bus over a distance of 1KM. For LAN mode, the ET1300S with built-in LAN module can be connected to a hub/switch.

SESSION SELECTION

ET1300S caters for 9 working sessions with IN and OUT selection for each. Each session may be assigned with a name which is easily recognized by the employees. This reduces the chance of selecting wrong sessions.

TRANSACTION RECORDS

ET1300S can save up to 30,000 offline transaction records, each containing date, time, clock unit ID, session number, and IN/OUT status. An alert is raised when memory is full.

CARD HOLDER DATABASE

ET1300S can store up to 4,000 6-digit card ID numbers.

SOUNDER ACTIVATION FUNCTION

An external sounder can be connected to ET1300S. Sounder activation can be programmed up to 4 sets (up to 18 times per set) to allow different program each day of the week including separate activation for holidays.

JOB COSTING TERMINAL

ET1300S can be used as a job costing terminal. It can record times for job-start or job-end with the 3-digit job code set by the employee via the keypad.

AUTHORIZATION TERMINAL

ET1300S can be set as an authorization and counting station. It can be programmed to allow entry by authorized cards a certain number of times per day, within a certain time frame programmed by management. This option is best suitable for meal subsidy system.

ACTIVITY RECORDING TERMINAL

ET1300S can also be used as an activity recording terminal. It supports up to 99 activity codes. User is required to enter an activity code before swiping his card.

WIDE CHOICE OF SOFTWARE PROGRAMS

ELID has a wide range of Time Attendance Software that can work with ET1300S.
E.Time is designed for a shift environment as it provides individual scheduling setting. It can support up to 16 time clocks.
TimePro is a powerful software that supports up to 64 time clocks. It provides up to 25 workstation support.
Timax is an enterprise company wide time attendance solution for large scale deployment. It is a full web based software solution.

ET1300 S TIME RECORDING TERMINAL

Technical Specifications

MCU	16-bit Dual Core MCU running at 80 MHz
Clock	Real Time Clock with Lithium backup
Communication Interface	Multidrop, RS485, TCP/IP
Output	1 (General Purpose)
Input	1
Indicator	LCD display
Power Supply	9V-15V
Current Consumption	300mA
Operating Temperature (°C)	0-55

Features

Card Database	4,000
Transaction Database	30,000
Card Format	Wiegand 26-bit, Free Wiegand, Magnetic, Bar code (depending on the type of card reader used)
Mode of Database	2
Session	9
Job Code	999
Timer Zone for Sounder	8
Timer for Sounder	18 x 4
Holiday	20
Adjustable Lock Release Time	Yes
Baud Rate	2400 to 38.4K