

SY-780/A

It's about time
for the ultimate in
attendance recording



- On-line/off-line modes of operation
- Complex attendance reporting
- Job reporting
- Shop floor control reporting
- Real-time data base queries
- TCP/IP communications built-in
- Fingerprinting for biometric verification



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Programming

With the SY-780/A, you have a choice of systems:

Working off line

Basically an off-line system, data collection and parametric programming can be done with the internal database.

However, Syncomm can be used on-line when working with the SY-Server.

With Syncomm, program your SY-780/A terminal to:

- Operate differently according to the day of the week
- Provide single/multi-step or conditional reporting
- Validate data
- Select the input source (magnetic reader, keyboard, etc...)
- Display the information from the internal database

Working on line

Programming with SAL (Synel Application Language) or Syncomm, on-line, the SY-780/A performs automatic data collection and data transfer to the central database. When operating on line, the SY-780/A initiates queries without the necessity of polling and downloads the data into the SY-Server.

General Features

- Scheduling for required functions - for morning and evening periods, set the terminal for "swipe & go"; during the day, leave it set to record jobs.
- Technician mode is available for easy set-up of the terminal.
- Enable the activation of a bell according to the day of the week, regardless of the program that runs on the terminal.
- Scheduling modem operation times.
- Displays time in several formats (US< European, military or 12-hour)
- Can be used as part of TimeLOG PRO system

Technical Characteristics

Includes:

- Two relays for bell, door, etc...
- Two sensors (door monitoring etc.);
- Additional serial ports for scale or printers
- I²C bus for expansion of I/O
- Memory:
512 kB, battery-backed
Dynamic distribution of memory mapping
Single record updating method
- Display:
Backlit LCD, 2 rows of 16 characters
Alarm LED for irregularities notification
- Keyboard:
8 functional keys
10 numeric keys
2 browsing keys
4 control keys
- Readers:
 - Bar code (3-of-9, interleaved 2-of-5, code 128)
 - Magnetic (track 1, track 2)
 - Proximity (contactless at 125 kHz)
 - Fingerprint recognition
 - Weigand (26, 37, 44 bit)

Interfacing

- RS-485 for up to 16 terminals
- RS-232 for Host connection
- Optional internal 14,400 bps or external modem
- TCP/IP for on-line or off-line

Power Requirements

- Operating power - 110/230 Vac
- Back-up battery - rechargeable, included

Options

Internal modem (14,400 bps)
10 Mb Ethernet card for TCP/IP
Fingerprint recognition module

- Template size 350 B
- Response time 3 seconds max.
- Security levels 5
- False accept/reject 0.001
- Template storage 4000

Physical Characteristics

- Dimensions: Height: 17 cm
Width: 25 cm
Depth: 9.5 cm
Weight: 1.120 kg
- Operating temperature: 0 - 40°C
- Humidity: up to 95% RH



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The technical data sheet packed with the product is the only obligatory source of technical information