

SY-765

High Performance Cost Effective Time & Attendance



- Complex attendance reporting
- Job costing and shop floor control reporting
- Real-time database queries (SY-Server)
- A faster CPU card equipped with a higher frequency double speed crystal
- Flat membrane keyboard for better display quality
- Flexibility - keyboard can be independently replaced
- Advanced hanging device enables aesthetic installation
- A detachable AC power cable
- On-line/off-line modes of operation



SY-765



Programming

With the SY-765, 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 data base. With Syncomm, program your 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

Programmed with SAL (Synel Application Language) or Syncomm, online, the SY-765 performs automatic data collection and data transfer to the central database. When operating on-line, the SY-765 initiates queries without the necessity of polling and downloads the data into the SY-Server.

General Features

- Scheduling required functions - for morning and evening periods, set the terminal to "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 AM/PM)

Technical Characteristics

Includes:

- One relay for bell, door, etc...
- One sensor (door monitoring etc.);
- Memory: 512 kB, battery-backed
Dynamic distribution of memory mapping
- Display: Backlit LCD, 2 rows of 16 characters
Alarm LED for irregularities notification
- Keyboard: 6 functional keys
10 numeric keys
2 browsing keys
4 control keys
- Readers: (choose between options)
 - Bar code (3-of-9, interleaved 2-of-5, code 128)
 - Magnetic (track 1, track 2)
 - Proximity (contactless at 125 kHz)
 - Weigand (26, 34, 36, 37, 44, 48 bit)
 - Mifare reader

Interfacing

- RS-485 for up to 32 terminals
- RS-232 for Host connection

Power Requirements

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

Options

Internal modem (14,400 bps)
10/100 Mb Ethernet card for TCP/IP - POE option

Physical Characteristics

- Dimensions: Height: 17 cm
Width: 25 cm
Depth: 9.5 cm
Weight: 1.120 kg
- Operating temperature: -20 - 60°C
- Humidity: up to 95% RH

Comparison table between SY-785 and SY-765 terminals

	SY-785	SY-765
Fingerprint	Yes	No
Memory	512	512
Functional keys	8	6
Numeric keys	10	10
Control keys	4	4
FP on card	Yes	No
Magnetic reader	Yes	Yes
Proximity reader	Yes	Yes
Barcode reader	Yes	Yes
Weigand reader	Yes	Yes
Mifare Reader	Yes*	Yes*
Printer support	Yes	No
IO	2-2	2-2
Wi-Fi	Yes	Yes
Bluetooth	Yes	Yes
I²C	Yes	No
Modem	Yes	Yes
Weigand output	Yes	No
Hex KB	Yes	Yes
Alpha KB	Yes	No
Graphic display touch screen	No	No
Rubber silicon keyboard	No	No
TCP/IP	Yes	Yes
POE	Yes	Yes
Expansion I/O	Yes	No

*Read only

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Pictures in this brochure are for illustration purposes only.
The technical data sheet packed with the product is the only obligatory source of technical information

