SY-760

High Performance
Cost Effective
Time & Attendance

Proximity

Bar-Code

Magnetic

ACCESS CONTROL

TIME & ATTENDANCE CONTROL

SHOP FLOOR CONTROL

JOB COSTING

- On-line/off-line modes of operation
- Complex attendance reporting
- Job reporting
- Shop floor control reporting
- Real-time database queries
- Built-in TCP/IP communications (optional)

Synel Industries Ltd. SY **Data Collection Systems**

SY-760

High Performance, Cost Effective Time & Attendance

Programming

With the SY-760, work off- or on-line:

Working off-line (batch mode)

In off-line mode, there is no need for immediate communication with the PC during reporting. All controls and checks can be done independently by the terminal.

With Syncomm (Synel's communication software), the SY-760 terminal can be programmed 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 (real-time mode)

Working with a server, the SY-760 can work on-line as an interactive system with an external database.

Programming the terminal with Syncomm or SAL (Synel Application Language), on-line, the SY-760 performs automatic data collection and data transfer to the central database. The SY-760 initiates the queries without the necessity of polling and downloads the data into the 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 or 12-hour)

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 function keys
  10 numeric keys
  2 browsing keys
  4 control keys
- Readers:
  - Bar code (3-of-9, interleave 2-of-5, code 128)
  - Magnetic (track I, II or III)
  - Proximity (contactless at 125 kHz)
  - Wiegand (HID, Mifare and Indala) in several formats

Interfacing

- RS-485 for up to 16 terminals
- RS-232 for Host connection
- Optional internal or external modem
- TCP/IP for on-line or off-line
- Wireless Wi-Fi 802.11
- Bluetooth Class II

Power Requirements

- Operating power - 110/230V AC
  - POE 9-12V AC
- Back-up battery - rechargeable, included

Options

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

Physical Characteristics

- Dimensions: Height: 6.7 in. (17 cm)
  Width: 9.8 in. (25 cm)
  Depth: 3.75 in. (9.5 cm)
  Weight: 2.5 lbs. (1.12 kg)
- Operating temperature: $32-105^0F(0-40^0C)$
- Humidity: up to 95% RH

SI 2002
ISO 9001
Quality Assured Firm

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.

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