

SY-777



Terminal Features

- Online / offline modes of operation
- Complex attendance reporting
- Job reporting / shop floor control reporting
- Real-time database queries
- *IP-65 rated (optional)*
- *Built-in TCP/IP communications (optional)*

*** *Made for Industrial Environments* ***



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SY-777

Physical Characteristics

Dimensions:

- Height: 15 cm
- Width: 23 cm
- Depth: 7 cm
- Weight: 1.4 kg

Operating temperature: 0 - 50°C

Humidity: up to 95% RH

Power Requirements:

- Operating power - 110/230V AC@100mA
- Back-up battery (rechargeable included)

General Features

- Functions such as "swipe and go" and job tracking can be scheduled according to requirements
- Technician mode is available for convenient setup of terminal
- Bell activation is enabled according to input time programmed on terminal
- Enables scheduling of modem operation times
- Displays time in several formats (US, European, military or am/pm)

Interfacing

RS-485 for up to 32 terminals

RS-232 for host connection

Options:

- Internal 14,400 bps modem
- Ethernet 10/100 MHz

Technical Specifications

Includes:

- I²C bus for expansion for I/O

Memory:

- 128 KB, battery-backed
- Dynamic distribution of memory mapping

Display:

- Backlit LCD, 2 rows of 16 characters
- Alarm LED for irregularities notification

Keyboard:

- 8 function keys
- 10 numeric keys
- 2 scroll keys
- 4 control keys

Optional readers:

- Barcode 3 of 9, interleaved 2 of 5, code 128
- Magnetic (track I, II, III)
- Proximity (contactless at 125 kHz)
- Weigand (Mifare, HID, and Indala)
- Smart Card
- Secondary external reader for greater flexibility (magnetic, bar code or proximity reader)
- Dry contact relay to activate a bell or a door latch
- Serial printer card

Programming

The SY-777 operates in both offline and online modes :

Working offline

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

The SY-777 terminal using Syncomm (Synel's communication software), 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 such as magnetic reader or keyboard
- Display the information from the internal database

Working online

Working with SY-Server:

- The SY-777 works as an interactive system with an external database
- Data is transferred automatically without polling



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