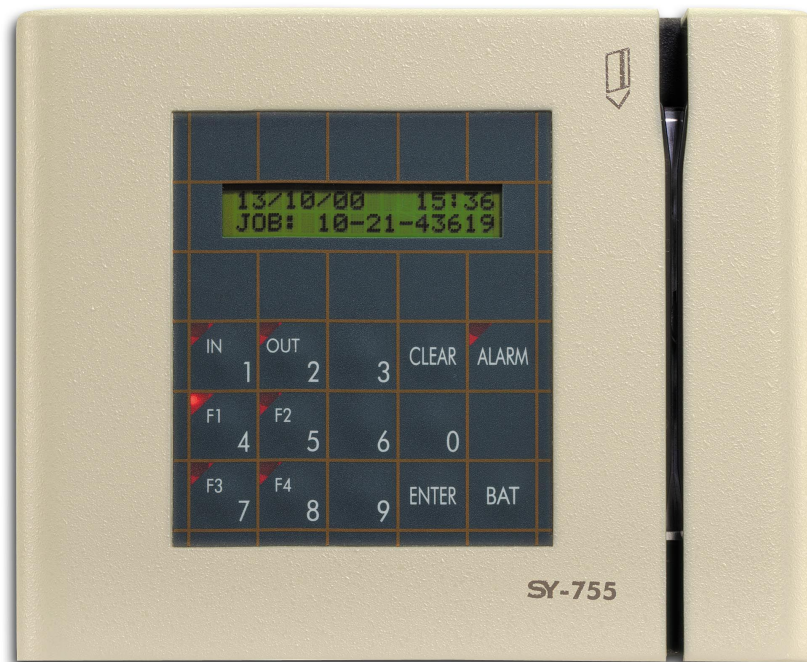


# SY-75X Series

## Time & Data Collection Terminal

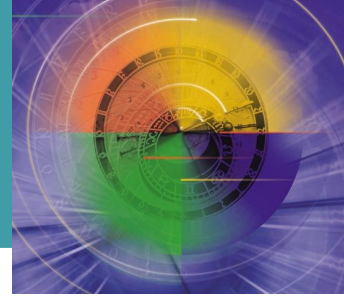


Synel's SY-75X series of intelligent, programmable data collection terminals is designed for cost effective Time & Attendance and Shop-Floor control applications. The metal casing of these terminals ensures optimal performance in rugged environments. The terminals are ideal for fast and precise internal data reporting, with both the security of a self-contained unit and the flexibility of a PC-linked system.

Synel's SY-75X terminals can operate independently or as part of a network. Powerful communication software allows friendly and flexible programming. The SY-75X series easily interfaces with any application software and fully integrates with other Synel modular units.



# SY-75X Series



## Time & Data Collection Terminal

### Flexibility & Security

Synel's SY-75X series is fully programmable. Synel provides the user with a powerful yet friendly-to-use communication and programming software. Standard Windows DDE & DLL protocols allows users to interface their own application software.

The communication software is a state-of-the-art, menu-driven application generator. It enables the user to redefine the terminal's functionality to meet numerous requirements. The software allows the terminal to generate data entry dialogs and task costing data entries, and to collect attendance data transactions.

The system maintains absolute security by allowing only authorized personnel to access various layers of communication software. Cardholders can gain access to premises by swiping their badge and/or entering their PIN.

Synel's SY-75X terminals are available with magnetic, bar-code or proximity readers. External reader units (magnetic, bar-code or proximity) can be connected to the terminal in addition to or instead of the built-in reader, thus allowing for greater flexibility.

### Reliability

Synel's SY-75X data collection terminals have been tested for optimal reliability. A high MTBF ensures virtually uninterrupted performance. The sealed keypad and the unique ergonomical design reduce maintenance costs. The terminals are certified to CE and are manufactured to ISO-9001.

### Functional & Technical Characteristics

- Magnetic (track 1 or 2) / bar code (3-of-9) /proximity built-in readers
- Compatible Wiegand format: 26, 34, 36, 37 and 48 Bits
- Operates both off-line and on-line with a host computer under multiple operating systems (MS-DOS, Windows, Windows NT, OS/2, XENIX, UNIX and VMS)
- Download permitted lists and time zones using a PC, then operate as a stand-alone terminal
- Six programmable function keys (SY-751) or twelve dual /numeric function keys, six of which are programmable (SY-755). All keys are provided with LED indicators
- High quality, illuminated LCD display with one (SY-751) or two (SY-755) lines of sixteen characters; each model may be programmed to show time, date, function, status, different totals and personal messages, as desired
- Master badge for set-up and diagnostics
- Battery protected 128 kB RAM for storing over 10,000 transactions
- Rechargeable back-up battery enables over 10 hours of full operation during power failure
- Automatic switchover to Daylight Savings Time
- Perpetual real-time clock
- RS-232 and RS-485 communications for multidrop of up to 31 terminals on a single communication port
- Maximum distance from host - 3 km (RS-485)
- Audible tones for badge acceptance/rejection
- Warning indicator for memory status
- Variable communication rate (1200 to 19,200 bps)
- Terminals are provided with a wall mounting bracket
- Auto dialing polling data (Integrated with SY -Server

### Physical Characteristics

- Dimensions: Height: 6 in. (15.3 cm.)  
Width: 6.1 in. (15.5 cm.)  
Depth: 2.8 in. (7.1 cm.)  
Weight: 2.16 lbs. (980 gr.)

### Electrical Characteristics

- Voltage: 230 / 115 V AC + 10%, 50 / 60 Hz
- Current consumption: less than 5 watts

### Environmental Characteristics

- Operating temperature: 32 - to +122°F (0 - 50°C)
- Humidity: up to 95% RH

### Optional Accessories

- External magnetic or barcode slot readers, proximity reader, or a barcode wand; all can be used in addition to or instead of the built-in readers
- Internal Modem for remote communication (14400 bps)
- Internal Ethernet card for network connection
- 12 V DC, 1 A dry-contact relay to control a bell or a door latch
- Bottom metal cover for security



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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

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