

SY-745

Quality time
at your fingertips!
at a price you can afford...



Biometric features:

- A basic fingerprint solution terminal
- Up to 300 fingerprint templates for biometric verification/identification
- High resolution 500 dpi
- Fast 1:1 and 1:N matching speed

Terminal features:

- Online/offline modes of operation
- Reader options: magnetic, proximity
- Simple attendance reporting
- Real-time database queries
- Flat membrane keyboard for better display quality (SY-765/SY-785)
- Flexibility - keyboard can be independently replaced
- Advanced hanging device enables aesthetic installation
- A detachable AC power cable



SY-745



Programming

With the SY-745, you have a choice of systems:

Working offline

There is no need for immediate communication with PC during reporting. All controls and checks are done independently by the terminal.

Working online

Working with SY-Server:

- Interactive system with external database
- Data is transferred automatically without polling

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 setup of the terminal.
- Scheduling modem operation times.
- Displays time in several formats (US< European, military or 12-hour)

Modes of Operation

- **Verification** - verifying employee's fingerprint versus badge. Swiping of badge AND placing of finger verify reporter's identity.
- **Identification** - identifying an authorized person by biometric characteristics only



Technical Characteristics

- Memory: 256 kB, battery-backed
Dynamic distribution of memory mapping
- Display: Backlit LCD, 2 rows of 16 characters
Alarm LED for irregularities notification
- Keyboard: 1 FP management key
2 function keys (In/Out)
2 browsing keys
4 control keys
10 numeric keys
- Optional readers:
 - Magnetic (track I, II, III)
 - Proximity (contactless at 125 kHz)
 - Fingerprint recognition
 - Weigand
 - HID
 - Indala
 - Mifare (Read only)

Interfacing

- RS-485 for up to 32 terminals
- RS-232 for Host connection
- Optional:
 - internal 14,400 bps modem
 - Ethernet 10/100 mHz
 - Bluetooth Class II
 - POE 802.3 af

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
- Power Requirements:
 - Operating power - 110/230 Vac @100 mA
 - Back-up battery - rechargeable, included

Comparison table between SY-795, SY-785, SY-765 and SY-745 terminals

	SY-795	SY-785	SY-765	SY-745
Fingerprint	Yes	Yes	No	Yes
Memory	512	512	512	256
Functional keys	6	8	6	2
Numeric keys	10	10	10	10
Control keys	6	4	4	4
FP on card	Yes	Yes	No	No
Magnetic reader	Yes	Yes	Yes	Yes
Proximity reader	Yes	Yes	Yes	Yes
Barcode reader	Yes	Yes	Yes	No
Weigand reader	Yes	Yes	Yes	Yes
Mifare Reader	Yes	Yes	Yes*	Yes*
Printer support	Yes	Yes	No	No
IO	2-2	2-2	2-2	2-2
Wi-Fi	Yes	Yes	Yes	Yes
Bluetooth	Yes	Yes	Yes	Yes
I²C	Yes	Yes	No	No
Modem	Yes	Yes	Yes	Yes
Weigand output	Yes	Yes	No	No
Hex KB	Yes	Yes	Yes	No
Alpha KB	No	Yes	No	No
Graphic display touch screen	Yes	No	No	No
Rubber silicon keyboard	Yes	No	No	No
TCP/IP	Yes	Yes	Yes	Yes
POE	Yes	Yes	Yes	Yes

*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

