

The Omni-Attend with Fingerprint Technology

Time and Attendance with Fingerprint Reader

The terminal is a dual factor solution that combines fingerprint with an optional proximity reader. This allows any combination of RFID, PIN and fingerprint security policies for a full blown identification and verification process. Fingerprint is the most commonly accepted biometric method and has already proven its reliability in numerous applications. The Omni-Attend terminal with fingerprint has a comprehensive combination of Time & Attendance, Access control and job tracking functions. The terminal can easily be networked using Ethernet TCP-IP, Capnet or RS232 and operates both in- or off-line mode.



BENEFITS

- Eliminates buddy punches — one employee entering data for another
- Fingerprints can not be forgotten, transferred, or stolen
- One time enrolment for multiple points of entry
- Increased security
- The combination of PIN and fingerprint or the use of the identification algorithm eliminates the need for a badge
- Easy to install

OPERATION

- When using “fingerprint verification”, the employee first enters a badge or a pin code and then places the finger on the sensor. With the “fingerprint identification”, the finger is placed directly on the sensor. The Omni-Attend compares the captured sensor data with the templates stored in memory.
- Clockings are stored in the terminal for retrieval by a time and attendance software application.
- The configuration file that is uploaded into the terminal prior to operation defines the functionalities of the terminal (messages to display, programming and use of keys, timeouts, on- or off-line mode, ...).
- Fingerprint templates can be uploaded and therefore exchanged between different Omni terminals via the application software. These templates are encrypted finger representations and cannot be reverse engineered to physical fingerprints.



TECHNICAL SPECIFICATIONS

Electrical Specifications

12–24V DC
530-600 mA. at 12V.
240-300 mA. at 24V.

Case Details

Width: 200 mm.
Height: 195 mm.
Depth: 105 mm.
Weight: 1 kg.

Environmental Conditions

Operating temperature: 0°C to 45°C
Keep away from direct exposure to sunlight
Storage temperature: -25°C to 85°C
Relative humidity: Up to 90% non-condensing

Certification

CE, R&TTE compliant



FEATURES

- Faradex housing with integrated RFI shielding
- Dust sealed keyboard including a numeric keypad and 8 function keys
- Large backlit graphical LCD display, 128x64 pixels
- Red and green LED for user feedback
- Optional internal proximity reader
- Communication interfaces: 10/100 Mbit Ethernet TCP-IP, Capnet or RS232
- Interface for external devices like barcode scanner, modem, ...
- 2 potential-free relay outputs (bell, door control)
- 2 optically isolated inputs (door monitoring)
- 1 Mb of battery buffered memory
- Downloadable firmware

TABLES

- Personnel table for up to 4,500 (verification) / 500 (identification) persons, containing employee name, group code, PIN, personal counters, ...
- Clocking table for more than 50,000 clockings
- Access day profiles & week schedules
- Bell signals, Holidays, Mailbox for messages, Terminal messages, Daylight saving

ABOUT KRONOS WESTERN EUROPE

Kronos helps organisations across a variety of industries manage their most valuable, and expensive, strategic asset — their workforce. How? By giving them the tools they need to help them control labour costs. Minimise compliance risk. Improve workforce productivity through operational excellence. And safeguard their people and assets. The easy-to-own workforce management solutions from Kronos make complete automation and high-quality information a reality.

Our time and attendance, scheduling, absence management, labour analytics, and access control solutions give Kronos customers the edge they need to compete in the global marketplace. With thousands of installations in organisations across Europe, we're proving workforce management doesn't have to be so hard.



TIME & ATTENDANCE

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