


## TRAX+F Data Collection, Time & Attendance Terminals

### With 1:1 Fingerprint Recognition

#### Description

Based on the versatile TRAX platform, TRAX+F is a Time and Attendance and Access Control terminal. It integrates a fingerprint recognition module for the verification of the employee's identity.

#### Overview

- Flexible
    - Possibility of creating several configurations using fingerprint templates verification in different types of transactions, offline, online, or semi-online.
  - High Security Access Control
  - Reliable Time & Attendance
    - Employee's card reading or PIN entry have to be confirmed by fingerprint recognition (1:1 verification mode)
    - employee identity fully guaranteed
    - scarred fingers don't affect fingerprint recognition.
  - Protection of personal data
    - No images are stored inside the TRAX+F
    - During the enrollment phase the fingerprints are stored as templates and they are associated with the employee's badge ID
    - It is then possible to transfer the templates to all other TRAX+F terminals.
    - All transactions take place in such a way as to protect individual privacy.
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- TRAX+F can identify an employee by fingerprint recognition (1:1 verification) ONLY after entering the correct badge ID via Prox reader or the keypad.
  - Possibility of specifying a list of employee badge ID's for whom fingerprint access is not requested. For each of them, it is possible to specify card reading or manual entry.
  - Possibility of specifying a random probability for fingerprint verification request. It can be useful to speed up operations on peak time, when a group of employees want to clock in/out, and still the deterrent of true identity is needed.
  - All the usual functions of the TRAX clock are available: time zone check, programmed access criteria, use of PINs, checking inputs and piloting relays, transaction recording, etc., allowing for an access control system with a high security level.

#### Functionality

- The TRAX based authorization list, together with the integrated fingerprint reader, ensure that only an authorized person can pass through.

Please contact your dealer:

**TimeTrak Systems Inc.**  
933 Pine Grove Avenue  
Port Huron, MI 48060  
Phone: (810) 984-1313



## TERMINALS

- All the templates are stored in an archive present on the file system. One template is associated with each single employee badge ID. It is possible to import and export the fingerprint templates, without repeating the enrollment process.
- Each fingerprint template size can vary, with about 300 bytes as the average.
- Verification time is from one to two seconds.
- Supported applications: up to 1200 employees in 1:1 verification mode with one fingerprint per employee.
- It is possible to carry out the on-line verification using a templates database stored on a PC. In this case, the maximum number of employees is only limited to the maximum value represented by the number of digits used for the badge ID.
- The employee badge ID can vary from a minimum of two to a maximum of eleven digits.
- Most of the managing functions, like enrolling new employees, deleting former ones, can be performed also from the TRAX+F console.

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