

The TR4050 Time and Attendance Terminal is the latest addition to **ProxData's** family of Time Recorders. It is an extremely easy of use Fingerprint Time recorder. The User only needs to read his/her fingerprint to the terminal and a new database record is created every time when a fingerprint is read. The new TR4050 also adds online communications capability and numerous new features.

Users just put their fingers on the sensor to be read for completion of attendance. The read data covers machine id, code of fingerprint, time shift, date, time. All data are kept in device's memory.

Easy access of fingerprint enrollment : Through RFID manager enrollment card. TR4050 can complete the registration of employees' fingerprints.

Note: TR4050 simple use can be through MANAGER ENROLL CARD or MANAGER DELETE CARD to register or delete employees' fingerprints.

Fast fingerprint identification : TR4050 is able to recognize each fingerprint within 1 second under matching mode: 1:N . Most of terminals in market are hard to achieve though they are able to store thousand of fingerprints. **Back up with RFID Cards** : those who 3%-5% people fingerprints cannot be recognized will require the other solution for time attendance. TR4050 also built-in RFID card technology to solve this. TR4050 is available with TCP/IP interface serving as an internet-enabled terminal. Time Recorder Utility is a bundle software to download data featuring easy to set up and available in multiple-language versions to set up time, ring bell schedule, TR4050 terminal ID, attendance records in auto scheduling download.



Key features:

- **USB disk port for loading data to USB disk**
- Featuring online and offline enrollment/functions.
- Display messaging available for time or fingerprint code or error message
- 512K bytes memory size for 12000 records storage.
- 1900 fingerprints storage
- Supports TCP/IP communication interfaces
- Available for 255 sets TR4050 connection via TCP/IP interface. Easy set up by applying buttons to complete Machine ID of the physical device
- Time Recorder Utility is able to manage 255 units of TR4050. Featuring auto downloading, multiple languages, auto-emailing ...etc
- Built-in relay for external ring (bell) control, Daily bell schedule up to 32 different time period.

****The specification is subject to change without notice.**

Version:

TR4050-00 Offline fingerprint enrollment version
TR4050-10 Online fingerprint enrollment version
ISO14443A 13.56Mhz Mifare, TCP/IP

Specifications:

Display	Graphic LCD 104 x 52 Black & white no backlight	Ring bell schedule up to:	32 sets options
Proximity card type:	RFID 13.56MHz Mifare	Bell & Lock relay:	DC. Max 2A, 12V
Reading distance:	5 cm Max	Mounting:	Wall mount or Desktop
Capacity of fingerprints:	1900	Power supply:	DC 12V, 500mA
Storage:	12000 records	Temperature:	0-55° C
Interfaces:	TCP/IP Ethernet	Humidity:	10-90%

- ✓ We welcome OEM inquiries
- ✓ Custom device programming is available

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TR4050



SmaFinger[®] Time Recorder

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