

The TR4020 and TR4030 Time and Attendance Terminals are the newest members of the ProxData Time Recorder family. While retaining all the features of their predecessor- the TR4000 "Floppy" Time Recorder- new Terminals add online communications capability and numerous new features.

**Offline operation.** Just like the original TR4000, the TR4020 and the TR4030 can be used offline, with minimum installation hassle. Initially, the Time and Attendance data is accumulated in the Terminal's internal non-volatile memory. Then, the data can be copied onto a standard Floppy Disk using the **built-in Floppy Disk Drive**. The data is saved in a standard text format that can be directly processed by software packages like *Microsoft Excel*, *Access*, etc.

**Online operation.** Both Terminals support online communications: the TR4020- through RS232 ports, the TR4030- through Ethernet (UTP) port. Online communications is fully supported by the *TR4020/4030 Control Center* for Windows software.

**Convenient setup.** Both Terminals can be setup through their convenient and easy-to-understand onscreen programming menus. Programming can be also performed online using the *TR4020/4030 Control Center* software.



Onscreen programming menus & function keys

**And much more...** The TR4020 and TR4030 have many other fine points like the ability to display all menus and screens in **different languages** or an Application Download port that allows you to **upgrade internal firmware**. For complete information on the latest enhancements to the 4000 series Time Recorders, visit ProxData's website at [www.proxdata.com](http://www.proxdata.com).

### Features:

- Built-in 3.5" 1.44MB Floppy Disk Drive\*. Data format compatible with many popular software packages including *Microsoft Excel*, *Access*, etc.
- Online communications support via RS232 ports for the TR4020 or Ethernet (UTP) port for the TR4030 (standard TCP/IP protocol)
- Additional RS232 port for external scanner (reader) attachment
- Large high-contrast graphic LCD shows time, date, shift number, Event Menu (In, Out, Break, etc...) as well as numerous messages
- Programming Mode featuring on-screen, user-friendly, menu-driven interface simplifies machine setup
- Multi-language support- all screens and messages can be translated into a different language\*\*
- 512K of non-volatile data memory can store approximately 12000 Time/Attendance records
- Internal 125KHz RFID, Magnetic Card, or Barcode reader (Visible or Infrared type)
- Programmable bell (ring) and "default event" schedules. Two high-power relays for external bell and optional electric lock control
- Internal UPS battery for up to 4 hours operation after full charged.
- Wall-mount or desktop operation, base cover can be rotated to adjust a viewing angle
- Application Download Port (ADP) for quick firmware upgrades.

\* Disk-less version is also available

\*\* ProxData offers free "localization" software tool

\*\*\* Capacity depends on the firmware size

### Ordering information:

TR40XX-YD, where:

XX: "20"- RS232 interface; "30"- Ethernet interface

Y: "M"- Magnetic Card reader; "R"- RFID reader; "B"- Visible Barcode reader; "F"- Infrared Barcode reader

### Specifications:

Display	Graphical LCD, 104x52, black & white, no backlight	Keypad	16 keys
Magnetic Card Reader:	ISO Track 2, 75 BPI	Bell & Lock relay:	Max 2A, 12V
RFID Card Reader:	125KHz, ASK, 64 bits, Manchester	Power supply:	DC 12V, 500mA
RFID Reading Distance:	10 cm min	Operating Temperature:	0-55° C
Barcode Card Reader:	Visible or IR, Code39 (numerical)	Operating Rel. Humidity:	10-90%
Database capacity:	App. 12000 records	Dimensions (L x W x H):	187 x 150 x 95 mm
I/O ports, TR4020	3x RS232 (PC/Master, Slave, Scanner)	Packaging dimensions (L x W x H)	260 x 235 x 120 mm
I/O ports, TR4030	1x UTP Ethernet (PC/Master); 2x RS232 (Slave, Scanner)	Net Weight:	2.3Kg