

The TR610 is a simple, user friendly ethernet network RFID time recorder.

The bright LCD display and four buttons make up the user-friendly interface. Familiar icons help users quickly learn how to clock in & out. The display also shows the current time, date and memory status and can also be used to configure the device. (Using an administrator "Master card")

Ethernet connectivity makes the TR610 easy to administer remotely. Administrators can use the TR610's built-in, password protected, web admin interface to remotely manage all device settings and download or search the internal event log.

The TR610 also comes with a very versatile software solution called "AggreGate Time and Attendance". This was developed to dovetail with the TR610 and provide administration and reporting facilities.

Open-source

System integrators and developers may be interested to know that the TR610 is internally based on Tibbo BASIC. The internal application is open-source and may be obtained freely and customised.

Features

- 125Khz RFID or 13.56MHz MIFARE® versions
- Ethernet 10/100 Base-T port
- RS232 serial port for external devices
e.g. barcode scanner
- 2 relays for external loads, e.g. electric bell, turnstile etc
- Whitelist functionality to specify which users trigger relays
- Internal backup battery for real-time clock (keeps time accurate for up to 7 days with no external power)
- Built-in web administration interface (web admin)
- IP address configuration using DHCP
- Time/Date sync via SNTP or time-zone can be preset
- Open source internal application may be changed or customised



Display	128x64 black/white blue backlight
Card Type	RFID 125Khz (TR610R) MIFARE 13.56MHz (TR610MF)
Reading Distance	5cm. min (RFID - TR610R) 2cm. min (MIFARE - TR610MF)
Unit distance	At least 50cm between two TR610 units
Internal Memory	1024KB Flash Approx 21,000 event log records
Interface	10/100 Base-T Ethernet, RS232
Relays	2 relays @ 1 Amp /12V rating
Configuration	On-screen menu, web interface, Tibbo AggreGate
Internal Application	Upgradeable, open-source, written in Tibbo BASIC
Mounting	Wall or desktop (programmable display orientation)
Power Supply	DC 12V, 500mA
Temperature	0°C ~ +55°C
Humidity	10-90%
Certification	CE and FCC approved