GAO RFID Inc.

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Product Overview

125 kHz Programmable Time Recorder/RFID Reader
211014

This programmable time recorder provides two relays to control external loads and is specially used in time attendance.

This simple and easy-to-use time recorder utilizes RFID technology to allow for quick user registration. It is password-protected, and allows an administrator to remotely manage all device settings and download or search the internal event log. This time recorder can automatically synchronize the internal clock with an Internet time server, so that the time is always correct. Its internal application is based on open-source Tibbo BASIC that may be obtained freely and customized.

Key Features

- Bright, clear LCD display
- 10/100 Base-T Ethernet port , built-in Web administration interface
- RS232 serial port for connecting external serial devices (such as a barcode scanner)
- Two relays to control external loads
- Internal flash memory stores approx. 21,000 event log records
- Wall-mount or desktop operation

- Internal backup battery for the real-time clock keeps time accurate for up to 7 days with no external power
- IP address configuration using DHCP
- Time/Date synchronization through SNTP (time-zone can be preset)
- Works with Tibbo AggreGate
- Internal application written in Tibbo BASIC can be changed or customized
- Firmware can be upgraded through the network or serial port

Technical Specifications

Display	128x64 black/white, blue backlight
Proximity Card Type	RFID 125 kHz
Read Distance	5 cm min
Unit Distance	At least 50 cm between two 221014 units
Internal Memory	1024 kb Flash, approx. 21,000 event log records
Interface	10/100 Base-T Ethernet port, RS232 port
Relays	x2, 1 Amp/12 V 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 12 V, 500 mA
Operating Temperature	0 °C to 55 °C
Operating Humidity	10% to 90%
Certification	CE, FCC

GAO Group

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