



## HF RFID Access Control Reader

### Features

- ISO/IEC 15693 compliance
- On board antenna
- RTC
- 2 M bit Memory
- RS232 Serial Port
- Visual and Audio Indication
- 16 x 2 Character LCD
- 2 on board relays

### Applications

- Office time and attendance management



### Description

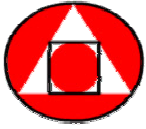
Pico RFID line of HF 13.56 MHz Access control readers brings the efficiency in office time and attendance management system.

The Access control reader is based on Texas Instruments RFID technology and operates at 13.56 MHz Frequency, which is compliance with the ISO/IEC 15693 vicinity card standards. Its features includes a printed antenna, a Real Time Clock (RTC), 2 M bit memory, 2 on board relays and a 16x 2 character LCD. With these features the Time Machine can work as a slave to a host PC or work as a stand alone device in the absence of the host.

The reader has a RS232 communication port for interfacing with the PC with a configurable baud rate. Two LED's and a buzzer are used for visual and audio communication.

**For more information, please contact [www.pico-mega.com](http://www.pico-mega.com)**

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## Specifications

Part Number	ID-HF2A-AC1A
Operating frequency	13.56 MHz
Supported transponder standard	ISO/IEC 15693
Supply voltage	+6.5 V to +12 V DC
Current consumption	150 mA (peak)
Transmitter power level	200 mW (pulsed)
Antenna connection	On board PCB antenna
Antenna impedance	50 ohms @ 13.56 MHz
Communication interface	RS232
Baud rate	Configurable from 300 bps to 57600 bps*.
Protocol	Pico protocol
Visual / Audio Interface	Two LED's and a Buzzer
Additional features	Inbuilt Real Time Clock (RTC) Inbuilt Memory of 2 M bits 16 x 2 Character LCD 2 on board relays
Operating temperature	-20°C to + 65°C
Storage temperature	-40°C to + 85°C
Dimensions	110(L) x 80(W) x 38(H) all in mm
Weight	225 grams

\* The reader supports baud rate from 300 bps to 57600 bps except 14400, 28800 & 38400 bps. Please refer the Reference manual of 'Pico RFID Time Machine' for more information.

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