



HF RFID MINI READER – DATA SHEET

Features

- ISO/IEC 15693 compliance
- On board antenna
- RTC
- 2 M bit memory
- RS232 Port
- Visual and Audio Indication

Applications

- Industrial Automation
- Process Control
- Bio Analysis
- Food Processing & Packaging
- Warranty Management



Description

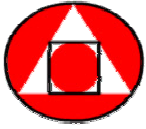
Pico RFID line of 13.56 MHz mini readers brings the efficiency in industrial automation, process control, warranty management, etc.,

The mini 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 include a printed antenna, a Real Time Clock (RTC) and 2 M bit memory.

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

For more information, please contact www.pico-mega.com

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Specifications

| | |
|--------------------------------|-------------------------------------------------------------|
| Part Number | ID-HF2A-G1A |
| 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 |
| Operating temperature | -20°C to +65°C |
| Storage temperature | -40°C to +85°C |
| Dimensions | 158(L) x 95(W) x 35(H) all in mm |
| Weight | 900 grams |

* The reader supports baud rate from 300 bps to 57600 bps except 38400. Please refer the Reference manual of 'Pico HF RFID Mini reader' for more information.

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