



HF MIDRANGE READER

Features

- ISO/IEC 15693 compliance
- 20 x 4 Character LCD
- On board antenna
- 2 Onboard relays
- RTC

Applications

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

Description

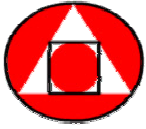
Pico RFID line of 13.56 MHz Pico HF Midrange readers brings efficiency in industrial automation, process control, warranty management, etc.

The Mid range reader is based on Texas Instruments RFID technology and operates at 13.56 MHz Frequency and compliance with the ISO/IEC 15693 vicinity card standards. The mid range reader has a PCB antenna, a Real Time Clock (RTC), 2 M bit memory and 20 x 4 character LCD.

The reader is provided with a RS232 communication port for PC interface 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-HF1A-G1A
Operating frequency	13.56 MHz
Supported transponder standard	ISO/IEC 15693
Supply voltage	+6.5 V to +12 V DC
Current consumption	200 mA
Transmitter power level	200 mW (pulsed)
Antenna connection	On board 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 20 x 4 character LCD 2 Onboard relays
Operating temperature	-20°C to +65°C
Storage temperature	-40°C to +85°C
Dimensions	110(L) x 80(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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