



Data Sheet

ACTIVE RFID READER

Features

- RS232 Interface
- Inbuilt RTC
- Memory of 2Mbits
- LED and Buzzer indication

Applications

- Asset Management / Tracking
- Vehicle Tracking
- Indoor Localization
- Logistics
- Hospital Management
- Wild Life Monitoring
- Industrial Automation
- Disaster Management



Pico RFID line of 866.66/868.3/915 MHz Active RFID readers brings the efficiency in Asset Management, Hospital Management, Indoor Localization, Logistics etc. The Active RFID reader is based on UHF RFIC and the reader has a RS232 / USB communication ports for interfacing with the PC at 19.2 K bits/s data rate. A Bi colour LED and buzzer are used for visual and audio communication. The reader has a 2 M bits on board memory and a Real Time Clock (RTC).

Technical data

Operating frequency	865.5 MHz
Modulation	FSK
Receiver sensitivity	-95dBm
Read Range	50 meters
Communication interface	RS232/USB
Baud rate	19.2kbps
Antenna connection	SMA connector
Antenna impedance	50 Ohms
Visual / Audio Interface	A Bi-Colour LED and a Buzzer
Additional features	Inbuilt Real Time Clock (RTC) Inbuilt Memory of 2 Mbits size

Electrical

Supply voltage	+6.5 V to +12 V dc
Current consumption	250 mA

Environmental

Operating temperature	0°C to +65°C
Storage temperature	-20°C to +85°C

Dimensions

Size	110(L) x 80(W) x 40(H) all in mm
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