



Data Sheet

ACTIVE RFID TAG

Features

- Ultra low power
- Battery low indication
- Anti-collision
- Compact in size

Applications

- Personnel Tracking
- Laptop Tracking
- Supply Chain Management
- Parolee Tracking
- Electronic Toll Collection
- Animal Husbandry
- Work in Progress



The Active tag is a battery operated device which consumes very little power. The tag transmits the Unique Identification (UID) Code in periodic intervals which is decoded by the Active Reader when the tag comes in the Reader's vicinity.

Technical Data

Operating Frequency	866.65 MHz
UID	64 bits
Typical Transmission Range	50 meters
Modulation	FSK
Signal Penetration	Virtually through all non-metallic materials
EMC	Tag data and configuration setup are not affected by normal electromagnetic & x-rays

Electrical

Power supply	3.0 V Lithium Battery
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Environmental

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

Dimensions

Size	70(L) x 43(W) x 20(H) all dimensions are in mm
Weight	25 grams with battery
Colour	Black
Material	ABS

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

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