

ARS

Tracking Assets at the Speed of Business

- **Dual mode IR/RF**
- **RF beacon**
- **Bi-directional IR**
- **Bi-directional RF**
- **WiFi 802.11.b/g**
- **Sensor-equipped**

■ ■ EZT-BRF-RWT Bi-directional RF/infrared Tags

EZT-BRF-RWT tags are supplied with bi-directional RF at 433.92 MHz frequency using either Active RFID Systems, Inc. modulation or conforming to ISO-18000-7 "over the air" FSK protocols.

These tags will also incorporate infrared data and command and control modes of operation.

All of the operating parameters for such a tag are controlled via the infrared mode.

The data can be obtained thru either the infra-red mode or the bi-directional RF mode.

These tags will operate when placed in wooden or cardboard containers.

Options include setting of polling periods, sleep mode periods, data field RF transmission selections, RF mode changes from trigger to beacon and additional parameter set points.

■ ■ Key Features:

- 433.92 MHz Frequency
- Infrared triggering and command and control
- Visible LED for operator feedback
- 5+ year battery life
- Optional memory as required
- Optional temperature sensing
- 20 m infrared trigger range
- 20 m+ RF range
- Optional enclosures/mountings
- Data-logging capabilities

■ ■ Specifications:

Environmental:	Temperature	-25°C to +85°C Operating -40°C to +125°C Storage
	Vibration	Commercial Transportation
	Shock	2-meter drop to concrete
Transmit/Receive:	Frequency Output	433.92 MHz
	Range transmit infra-red	1-2m
	Range infra-red input	20 m
	Range RF	30 meters
	Data rate	External Whip
Options:	Memory	up to 1GB
	Sensor	Temperature

Read Range

100 meters

Power:

Battery

1/2 AA Lithium Thionyl Chloride

Enclosure:

Size

5 x5x2.5cms