

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-245 Asset-Tracking Tag

2.45 GHz RFID Tag

The Active RFID Systems, Inc. EZT-245 tag provides highly accurate, global asset-tracking capabilities.

Incorporating the ARS patent-pending dual infrared communication mode this tag has up to 10 years of operating life on the original batteries.

The EZT-245 is designed to operate with the Active RFID Systems, Inc. EZR-2450-HD reader in the same manner as does the ARS 433.92 MHz operating system.

This tag can be equipped with optional memory capacity and temperature sensors.

■ ■ Key Features:

- Bi-directional read/write tags operating at 2.45 GHz on the Active RFID Systems, Inc. proprietary protocol
- Extended battery life
- Temperature sensing available
- Extended memory available
- Bi-directional infrared communications for configuration settings, command and control and data transfer

■ ■ Specifications:

Environmental:	Temperature	-40°C to +70°C Operating -40°C to +85°C Storage
	Humidity	100% at 50°C
	Vibration	Commercial Transportation
	Shock	2-meter drop to concrete
	Type	Sealed to IP-54
Transmit/Receive:	Frequency	2.45 GHz band
	Range	20 – 100 meters
	Modulation	FSK or MSK
	Data rate	up to 500 kbps
	Antenna	Internal
Digital:	On Board memory	up to 256k bits
	Interfaces	Wireless RF Wireless infrared
Power:	Battery life	1/2 AA Lithium Thionyl Chloride