

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**

■ ■ Easy-Trak EZR-43RO-HD

Fixed Reader/infrared trigger/illuminator

The Active RFID Systems, Inc. EZR-43RO-HD reader is designed to provide an industrial unit that can be used to collect data from both the 433.92 MHz GP-RWT tags as well as the WiFi tags. This unit can be connected via Ethernet cables or wirelessly thru 802.11.b/g radios.

The infrared array can be controlled to configure, send commands to and read and write data to tags. The infrared range of control can be adjusted from several centimeters to tens of meters. This reader is supplied with mounting feet. Input power is 110/220 VAC.

■ ■ Key Features:

- Receives 433.92 MHz signals from the entire Active RFID Systems, Inc. product offering
- Optimally equipped with an infrared illuminator array for triggering and effecting command and control and data transfer
- Infrared array is power adjustable via network from 5-100%
- Infrared read and write capability
- Bi-directional read/write to tags operating at 2.45 GHz on the 802.11.b/g protocol
- Communicates directly with existing WiFi networks
- Visible enunciator
- IP-67 enclosure
- Can be equipped with optional remote infrared illuminators controllable via network

■ ■ 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:	Tag Frequency	433.92 MHz
	Reader Output	2.45 GHz 802.11.b/g
	Range	20 – 100 meters
	Infra-red	Read/write
	Data rates	802.11b & 802.11g
	Antenna	Internal
Digital:	Memory options	SD memory card interface optional
	Interfaces	Wireless RF
		Wireless infrared Ethernet

Enclosure:

Size
Environmental
Mounting

18x30cms
IP-67
Four mounting feet