

Automated Physical IT Asset Tracking

RACcensus™ Asset Sensor

- 42U,45U,48U, 54U and Half Height options
- Mounting Options
 - Magnetic Backing
 - Adhesive
 - Clamps
 - Rack Integrated
- Contactless
- LEDs indicate positive identification at the rack
- 2.125 mA per Rack Unit, +5 Volt / 115 mA Max Power Draw
- Tag ID is determined on strip. Simply address each rack unit location via supported protocol

Asset Management Tags

- Passive RFID
- Adhesive attachment
- Scan able Barcode
- Additional tag styles available for non-standard mounting

Wireless Rack Controller

- Low frequency
- 4 RJ-11 Environmental Sensor Ports
- Power Over Ethernet (POE) or Rack Power Options
- Custom options available



Current IT asset tracking systems can leave much to be desired.

- Active RFID serves a very important purpose for security and inventory purposes but are not economical for Tracking IT assets to a specific rack or rack unit
- Passive RFID systems require manual effort to scan each rack or enclosure
- Contact sensor systems have both downsides. They are expensive and they require a manual effort to associate the asset with the rack unit

Why RACcensus™?

- RACcensus™ was developed to address these shortcomings at a fraction of the cost of manufacturing current solutions.
- RACcensus™ was developed to be integrated as a complimentary feature of your active RFID, DCIM, monitoring system, PDU, or rack system.

Manufacturer Approaches

LICENSING

All technologies are available for a license to manufacture

PATENT ASSIGNMENT

For exclusive rights to all patented technologies a patent assignment with royalty may be negotiated

TURNKEY SOLUTIONS

Asset tracking sensor, environmental or security sensors and wireless transport with SNMP interface are available as a turnkey solution

For more information on any of our products or services please contact us at info@envirac.com (214) 636.6523

SYSTEM REQUIREMENTS

- I2C, 1-Wire, RS-232, RS-485 Interface for RACcensus™ addition to controller or smart PDU
- +5v / 115 mA
- Controller or PDU firmware update
- Min 1.5" width

- **Rack Controller Manufacturers**

Add asset tracking as a differentiation to your monitoring system. Simply use an existing I2C, RS-232, RS-485 or 1-Wire interface and modify your firmware. Design sensor enclosure to suit or allow us to offer design options.

- **Intelligent Rack PDU Manufacturers**

Add asset tracking to your smart PDU that has I2C, 1-Wire or RS-232 ports available and modify your firmware. Design sensor enclosure to suit or allow us to offer design options.

- **Rack Manufacturers**

An integrated version is available to create a "Smart Rack" complete with environmental sensors, wireless transport and SNMP interface.

- **DCIM Vendors**

Differentiate your solution by solving one of the most difficult challenges of IT asset management, fully automating the move, add and change tracking process. We can provide a turn-key solution for sale to your customers.

Services Available

- Interface Protocol adaption
- Custom Sensor development
- Form Factor consulting
- Custom ID Tag Design
- Hardware Support
- DCIM Integration