



Key Features

- ❖ **NO Line-of-Sight Required**
Reads RFID tag embedded badges within a designated range regardless of badge holders and orientation up to 6 inches away
- ❖ **Optional Read Modes**
Choice of continuous read mode or trigger read mode for data capture
- ❖ **Support Read/Write Capabilities**
Provide full read and write support for the industry standard 13.56 MHz RFID tags and are enabled real-time information updates
- ❖ **Simultaneous Reads**
Captures data of up to 10 badges within the range of the antenna at the same time
- ❖ **Large Data Storage/Transfer**
Customizable data storage in RFID tags up to 2K bits of information
- ❖ **Ergonomic/Lightweight Design**
Lightweight design and comfortable grip provide effortless and continuous use

Extending Trakker's commitment to flexible and reliable service. tagPort.

The Trakkers™ tagPort™ is a high performance identification tool used in conjunction with RFID tag badges, wherein an attendee's badge stores all written information via an embedded microchip attached to an antenna. Utilizing the tagPort with Trakkers' data capturing units enables exhibitors to transmit contact and demographic data from a badge for qualification and storage of leads with a greater ease of use.

Conceptually, the RFID state-of-the-art technology is quite similar to the prominent barcode systems in the industry — both are intended to provide rapid and reliable lead capture and tracking capabilities. The primary difference between the two is that RFID tools read badges using radio frequency signals, while barcoding systems scan printed badges with an optical laser. As a radio technology, tagPorts require no line-of-sight between the reader and the tag to exchange data. Badges can therefore be read through badge holders effortlessly, regardless of harsh lighting conditions and badge orientation. Such ease of use allows exhibitors to focus more on attendees and less on their badges. Furthermore, the ease-of-use features married with the tagPort's ability to read multiple badges simultaneously, makes this badge reader more ideal for high-traffic booths.

Additionally, tagPort's advanced technology allows the same RFID badge given to attendees to be utilized for access control into tradeshow halls, seminars, special sessions, events, and more. By passing through a designated portal, attendance is recorded automatically and non-intrusively to attendees for tradeshow management.

The pure versatility of our tagPorts adds to the commitment Trakkers has made to providing flexible and reliable attendee tracking technologies.

Gain more one-on-one time with customers



Technical Specifications

Operating Frequency

- 13.56 MHz (industry standard)

Radio Frequency Power

- Max 200 mW

Read Range

- 14 cm with credit card sized tag

Antenna Bandwidth

- 1 MHz @-3 dB

Antenna Impedance

- 50 Ohm @ 13.56 MHz

Tag Compatibility

- ISO 15693
- ISO 15443 A

Communication Interface

- RS 232 or USB

Host Data Rate

- 9600
- 19200
- 57600
- 115200

Operating Temperature

- -4°F to 131°F (including self-generated heat)

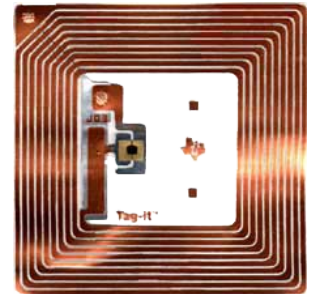
Storage Temperature

- -40°F to 176°F

More on RFID technology

How does Trakkers' RFID technology work?

Transmission of data is possible through a low-power radio signal that the tag [right] receives from Trakkers' tagPort RFID reader to "wake up" and power the embedded micro-chip within the tag. Using the transferred energy tagPorts send to the RFID tag, the tag will briefly converse with the reader for verification and proceed with the exchange of data. Once the attendee information from the RFID tag is exchanged, leads can be qualified and saved with Trakker's renowned data capturing equipment.



What is an RFID tag?

RFID badges are embedded with an ultra-thin RFID tag "inlay," providing the same convenience and flexibility of on-demand label printing as barcode and MagStripe systems. While badges can be pre-printed and pre-coded for attendee mailings, RFID technology accommodates on-demand, on-site printing needs. RFID badge printers/encoders program RFID tags efficiently at the same time the label is printed with all attendee information. Furthermore, the tag inlay of badges can be encoded with fixed or variable data and tested before the label is printed, while the printed badge can contain all the barcodes, text, and graphics used in established applications. Read/write RFID badges can also be programmed and reprogrammed, following initial coding for any changes or corrections.

For more information

For more information about the Trakkers tagPort or other Trakkers products, visit: www.trakkers.com, call 1-877-780-6180 or send us an email at: sales@trakkers.com.

Ask about Trakkers' profitable partnering plans — designed to fit *your* business needs!



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