



CLOUD COLLECTED®

## Portable 433 MHz Reader

### Product Overview

#### What is Cloud Collected?

Cloud Collected turnkey solutions harness Wireless, RFID, Sensor, Biometric and other technologies to provide Dynamic Asset Management (DAM) Real Time monitoring, tracking, and managing for single or multiple sites and locations.

Our Turnkey Solutions as a Service (TSaaS) are fitted to your needs, easy to implement, and capable of expansion at any time.

#### Our Products



##### Tracking

- RFID Vehicle Monitoring
- Dealership Vehicle Availability
- Delivery Truck Availability
- Mobile Asset Management
- EMC/EMT Vehicle Assets and Personnel
- Fire Apparatus Assets and Personnel
- Police Vehicle Assets and Personnel
- Utility Assets and Personnel
- Other First Responders
- Other Mobile Assets
- Personnel Management
- Tour Guide Monitoring
- School Bus Monitoring
- Office and Warehouse Personnel Tracking
- Animal Tracking
- Remote Site Asset Management
- Tag Readers and Testers



##### Access Control

- RFID Vehicle Access
- Gated Communities
- High Security Facilities
- Parking Garages
- Residential Gated Driveway
- Gate Access



##### Dynamic Assets

- Cloud Weapons Express
- Real Time RFID Weapons Issue
- Manual RFID Weapons Issue
- RFID Asset Tracking
- Barcode Asset Tracking



##### Temperature Monitoring

- Cloud Chain

## Portable 433 MHz RFID Reader

portable reader for testing and finding tags.

Cloud Collected Portable 433 MHz Reader connects to any Android device to provide 433 MHz Tag Reads.

### Portable 433 MHz Reader

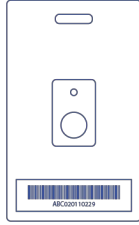
Our Portable 433 MHz Reader connects to any Android device using Bluetooth to provide 433 MHz Tag Reads via our custom Android software.

Simply power on your reader, then run our Android software on your device. Tag reads will immediately start showing up on a graph or list monitor where you can view the signal strength of the tag in real time. You may also enter a specific tag ID into the system and let the software run in the background on your device. The next time the tag is seen, the system will set off an alert for you that the tag is nearby.

Need an Android device? We offer 7" and 10" rugged tablets for use with our software. Contact us for more information.



## RIFD Tag Options



### Long Range Personnel Badge Tag

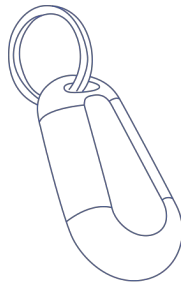
Standard ID card footprint for attaching photo identification cards, Dynamic Tag Tracking

- Up to 5 year battery life warranty. Unique "Sleep" feature
- Adjustable read range from 2 ~ 200 meters (600 feet) with standard antennas and up to 500 meters ( 1,500 feet) with our special antennas
- Optional Tamper Switches; Duress Buttons and motion sensing capability
- **Optional built in HIF Prox, iClass, Mifare, DESfire and other RFID IC's**
- **Optional Motion Sensor**

### Long Range Personnel or Patient Bracelet Tag

Attaches to person's wrist or ankle using standard Hospital ID straps

- Continuously monitored and tracked when used to detect when wearer approaches designated area zones
- Unique "Sleep" feature provides battery life up to 5 years
- Tag can be chemically sterilized
- Adjustable transmission range from 0.6 m to 70 m (2 feet ~ 200 feet)
- **Optional Duress Button - built in membrane push button for manual call applications**



### Long Range Keyfob Tag

- Adjustable read range of 0.3 m ~ 200 m ( 1 foot ~ 600 feet)
- Optional Motion Sensing capability
- Long range Keyfobs easily identify personnel in Cars, Trucks, and Busses for Gate Access Control at Military Bases, Bus Terminals, Gated Communities, Hospitals, Mines, and all kinds of Commercial Facilities
- These tags do not have to be "seen" by the reader to be correctly identified
- **Optional Motion Sensor**

### Long Range Vehicle/Asset Tag

- Easily attaches to all surfaces, including metal
- Vehicle Tags can be monitored at 300+ mph
- Dynamic Tag Tracking
- High impact resistant UV stabilized PVC case, ultrasonically welded and sealed
- **Adjustable read range from 2 ~ 200 meters (600 feet) with standard antennas and over 500 meters ( 1,500 feet) with our special antennas**



## Features and Components

Hardware	
RFID Hardware	
RFID Tags	Choice of: - Badge RFID Tag - Bracelet RFID Tag - Keyfob RFID Tag - Asset RFID Tag
Portable RFID Reader	433 MHz / Bluetooth Supports 1 Antenna: from 0-1500 foot read range depending on enviroment, antenna and tags used.
Rugged Tablet	<i>Optional: you may provide your own approved Android v4 or greater device.</i> We offer a 7-inch rugged Android tablet approved for use with our portable reader.
Specifications	
Size	5.9 x 3.2 x 2 inches <i>Plus BNC port at the top and antenna which may vary</i>
RF Input	BNC (female)
Battery Life	Approx. 10 hours <i>Tested running Bluetooth and an average of 5 tags consistently.</i>
Bluetooth Range	50m <i>Also depends on the Bluetooth device used.</i>

Software	
Android Software	
Tag Monitor	Display details of any tags that are are missing and how long they have been missing.
Displays	- Graph View: shows a graphical view of all seen tags by proximity. - List View: displays all tags in a list view.
Find Tags	- Have the system alert you when the tag is seen.
Alerts	- Audible / Visible alerts settings (Android system sounds / LED and graphical alerts available)