



VULCAN RFID™

EMBER QUICK START GUIDE

INTRODUCTION

The Vulcan RFID Ember is a compact, versatile, plug-and-play, UHF RFID reader specifically designed to deliver precise reads without complexity.



The Vulcan RFID Ember features:

- Built-in antenna for accurate UHF RFID tag reading.
- Two operating modes: autonomous for automatic reads and transparent for software development.
- USB-powered with Type-A male connector for easy plug-and-play setup.
- Compatible with Windows, Mac, and Linux.
- Keyboard wedge emulation for seamless system integration.
- Ideal for access control, inventory management, asset tracking, and warehouse logistics.
- Compatible with [Vulcan RFID Read, Write & Verify Software](#) for simplified tag encoding and verification.

In the box: Vulcan RFID Ember Reader & Integrated USB Cable

GETTING STARTED

SETUP METHOD 1 / AUTONOMOUS MODE

The reader's default mode is autonomous mode, where the reader transmits data via keyboard emulation.

1. Plug the reader's USB cable into your computer's USB port.
2. To read a tag, put your cursor into any text field and place a tag on top of the reader. The tag data will populate in the text field.
3. To easily turn off/on tag reading, quickly press the Caps Lock key twice (Windows and Linux only). The green LED will turn off, and the red LED will flash slowly, indicating that the reader is idle.



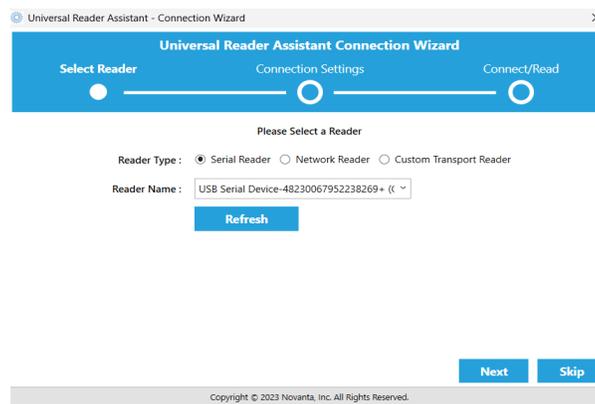
SETUP METHOD 2 TRANSPARENT MODE

In transparent mode, the reader is controlled by software built using the ThingMagic Mercury API, such as the Universal Reader Assistant software.

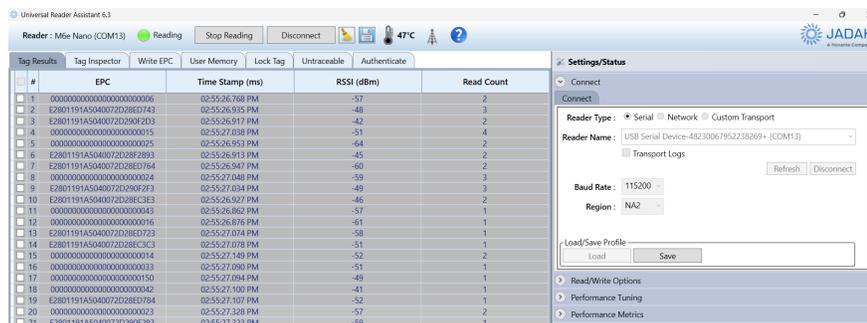
To easily switch between autonomous and transparent modes, quickly press the Caps Lock key five times (Windows and Linux only).

Note: This shortcut will only work when the reader's serial port is not connected/not currently being used by a software.

1. Open the Universal Reader Assistant software. The software should detect and display the connected reader.



2. Click Next. Choose your region of operation, and select Antenna 1.
3. Click Next and then click Connect & Read to begin reading tags.



Scan the QR code or visit www.vulcanRFID.com/support to view more information on setting up and using the Vulcan RFID Ember UHF RFID Reader.

