

Start up Guide

Installation:

1. Plug the Reader in to a USB port on your PC
2. If asked for a driver browse to the provided INF file, this points windows to a driver that already exists on the PC
3. After the driver is installed go to the device manager and look up your serial ports, there should be a new one there, make a note of the number
4. Start a HyperTerminal session and select the COMM port that matches the new serial port you found on the device manager. You do not need to worry about serial port settings.
5. Once the HyperTerminal session is running go to File->Properties and select the settings tab. On the bottom right corner there is an ASCII setup button, press it. A new window with several check boxes appears; make sure that "Echo typed characters locally" and "Append line feeds to incoming line ends" are checked.

You are now ready to begin reading tags. Type an open square bracket [followed by a close square bracket] on the terminal window, the reader should respond with a question mark ? if so congratulations you have established communications with the reader.

Command line:

[S] Single mode

When a tag is read, the reader reports it once, it continues to read it but no more reports are made, the tag be out of read range for over 2 seconds before the reader accepts it again as fresh data.

[D] Duplicate mode

The reader reports every time it reads regardless of whether the data is the same or not; a tag in read range will cause the reader to report it repeatedly and very fast.

[Mxx] Set Write Mode where xx is the desired mode

There are 4 write modes: 00, 08, 10, and 18. Unless otherwise specified you will be using write mode 18.

[V] View Write Mode

Use this command to view what write mode the reader is in. the write mode is a value stored in EEPROM, if you have the wrong value tags will not write, the only way to change write modes it by the Set Write mode command explained above.

[Wdata...] Write Tag where data... the desired string to write to the tag

The tag stores 16 alphanumerical characters, lower case and spaces are not allowed. If you don't type all 16 characters in the command the reader will pad the right side with zeroes when it writes.

LED:

There is a single bicolor LED on the reader, this light is used to determine power and successful reads.

When the Light is solid RED the reader has power

When the light is flashes green a new tag has been read and reported