

# Reader

**Product Code: L-RX400**

## Description: Reader USB

The Reader interface to the personal computer via a standard USB cable (incorporated into the reader). One of the features of this reader is that it operates on a plug and play basis due to the USB standard it complies to.

The reader works in conjunction with the Wavetrend Active RF ID Tags. The enclosure was designed in such a way that it enhances the esthetical value of that individual's desk.

The user is able to select only one tag via software and monitor that specific tag, or monitor a few tags, which was selected by the user at installation.



## Features

- The reader gain can be adjusted from high to low gain mode dynamically via software.
- The reader is completely plug and play.
- The reader complies with all the USB 1.1 standards. Meaning it can interface to any USB hub etc.
- In stand-alone mode the RSSI setting can be set dynamically via software. Which controls the read-range of the reader.
- The user receives a working DLL to interface to the reader. This then simplifies interfacing on software level to hardware, which makes the reader very transparent.

## Applications

### PCAC

- The reader can be used for the Link-it PCAC system.

### STAND ALONE READER

- The reader may be used as a general reader were there is but only a personal computer with USB port and no RS-485 network nearby.

## Specification

### Environmental

Operational temperature	- 10° C to + 60° C
Storage temperature	- 20° C to + 70° C

### Physical

Size	81 mm x 57 mm x 20 mm (Oval Enclosure)
Weight	Approx. 72 gms
Colour	Ice Blue (Clariant 04-600 1%)
Type of material	Fire resistant ABS

### RF Specifications

Frequency	433 Mhz
Typical Reception Range	8 Meters (24 feet)

## Certification

This device complies with all the necessary rules and regulations needed. For further information please check the back of the reader for FCC and CE numbers or contact Wavetrend Technologies.

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