



# Reader

Product Code: L-RX300

## Description: Reader RS232

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The Reader connects directly to an available serial port on the computer. The Reader detects the presence of all Wavetrend™ L-series compatible Active Tags within its read range and continuously streams the data to the serial port.

The reader is of a crystal stabilised Superheterodyne RF receiver design.



## Features

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- Plugs into any Serial port with a DB9 (male) connector.
- No external power supply is needed as this is supplied by the PC's communication port.
- The Baud rate of outgoing data is 57600.
- The Received Signal Strength indicator is appended to the Tag information, which is passed onto the serial port.
- Small compact design.
- The antennae is enclosed within the product housing.

## Applications

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PC access control (PCAC) applications when used in conjunction with Wavetrend PCAC software (product code: L-SY100). The PSION handheld computer reader also makes use of this reader (product code: L-SW600).





## L-Series

Product Information Sheet



## Specifications

### Environmental

Operational temperature	- 40° C to + 75° C
Storage temperature	- 40° C to + 85° C
Humidity	5% to 90% (non condensing)

### Electrical

Comm port Baudrate	57600 bps
Receive Frequency	433 MHz
Sensitivity	- 85dB
Power supply	+ 7Vdc
Current Consumption	< 8 mA

### Physical

Size (Reader)	32 mm x 33 mm x 14 mm
Colour	Dark Grey (Clariant 04-600 2%)
Type of material	ABS



**Wavetrend (UK) Ltd**  
Parkshot House  
5 Kew Road  
Richmond  
Surrey  
TW9 2PR  
England  
Tel +44 (0) 20 8334 8400  
Fax +44 (0) 20 8334 8401  
[www.wavetrend.net](http://www.wavetrend.net)  
[sales-uk@wavetrend.net](mailto:sales-uk@wavetrend.net)  
[support@wavetrend.net](mailto:support@wavetrend.net)



**Wavetrend Technologies, Inc.**  
13912 NE 31<sup>st</sup> Place  
Bellevue  
WA 98005  
USA  
Tel +1 425 785 4781  
Fax +1 425 869 4150  
[www.wavetrend.net](http://www.wavetrend.net)  
[sales-usa@wavetrend.net](mailto:sales-usa@wavetrend.net)  
[support@wavetrend.net](mailto:support@wavetrend.net)



**Wavetrend (Pty) Ltd**  
Wavetrend House  
Hammets Crossing Office Park  
Selborne Rd  
Fourways  
Johannesburg  
South Africa  
Tel +27 (11) 462 2633  
Fax +27 (11) 462 6316  
[www.wavetrend.net](http://www.wavetrend.net)  
[sales-sa@wavetrend.net](mailto:sales-sa@wavetrend.net)  
[support@wavetrend.net](mailto:support@wavetrend.net)

