Reader

Product Code: L-RX300

Description: Reader RS232

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

- 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

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).

Specifications

Environmental

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

Electrical

Comm port Baudrate	57600 bps
Receive Frequency	433 MHz
Bandwidth	± 300KHz
Sensitivity	- 85dB
Power supply	+ 7VDc
Current Consumption	< 11mA

Physical

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

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