



Wavetrend's RX1310 is an Active RFID Reader that supports connection to host computers via wired Ethernet or Wi-Fi connections. The Ethernet interface supports POE providing convenient implementation. The RX1310 is intended for use in systems that track tagged assets such as containers, plant and machinery or high value items. In addition, it is used for monitoring personnel in health and safety and security applications.



NETWORK READER RX1310

Key Features

Compatibility

Flexible host connectivity

Comprehensive Tag data and Reader status information available

Configurable site code and signal strength filters

Supports a range of Antennas

Long read range

Flexible configuration

High performance receiver

2 x NO/NC relays

Enhanced Tag buffer and clock

Benefits

Detects and decodes RFID signals from all of Wavetrend's range of Active RFID Tags

Sends decoded Tag and associated metadata to a host computer via Ethernet, Wi-Fi or USB interfaces

Enables management of tagged items and the automation of business decisions based on accurate / real-time knowledge of location

Provides control over Tags being read

Compatible with both directly connected and cabled Antennas

Can detect Wavetrend Active RFID Tags up to 150m, subject to the appropriate Antenna being fitted and installation/environment conditions

Can be dynamically configured via Ethernet, Wi-Fi or USB interfaces

Features adaptive gain and maintains Tag reads in noisy backgrounds

Can be triggered by a variety of configurable events or detection of single Tags or groups of Tags

Ability to store and time stamp Tag reads



People Tracking & Management



People Safety



Time & Attendance / Access Control



Asset Tracking & Management



Supply Chain, Vehicle & Contents Tracking



Art Protection

NETWORK READER RX1310



Specifications

Environmental

Operating temperature
Storage temperature
Humidity

-20°C to +50°C
-30°C to +60°C
5% to 90% (non-condensing)

Physical

Size
Weight
Colour
Material

125mm x 80mm x 30mm
200g
Grey
Aluminium

Radio

Receive frequency
Read range

433.92 MHz
Up to 150m (actual range is determined by the choice of Antenna used with Reader and the usage environment)

RF Input

50 Ohm BNC

Electrical

Supply voltage
Maximum current consumption
Power socket

9V-28V DC
70mA
DC socket suitable for 5.5mm outer diameter, 2.5mm inner diameter, barrel plug with centre positive

Relays

2 relays, NO/NC contacts, 1A

Connectivity

Serial data rate
Interface

9,600 - 115,200 bps
RJ45 for Ethernet/POE and USB Mini-B

Certification

CE and FCC - can be deployed in all countries that recognise these regulatory frameworks

To order or for further information



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