

Collection Vehicle Reader – UHF

Product Description

The Adilam Collection Vehicle Reader - UHF is a powerful and versatile RFID tag reader, allowing for a variety of mounting positions and connecting to a wide range of RFID antennas.

The Reader has built-in GNSS and 4G, providing an independent solution to sending tag reads to a portal and not relying on tablets, where tampering of the operating system of 4G SIMs can cause issues. Using the Reader's Wi-Fi hotspot, the tablet can connect to the reader and obtain tags reads and connect to the internet.

Features include:

- GPS capability
- Wi-Fi capability
- SIM card for 4G connectivity
- Robust, ruggedised construction
- Multiple fixing points
- Tamper-proof for vehicle application

The portal API supports other applications, including Council and video monitoring solutions.

Suggested Antennas

RFID: Times-A5020

Wi-Fi: GNSS/4G:CS-LP3 with SMA connector for 4G, Wi-Fi and GPS



Specifications

Part number

WX-102

Unit Dimensions

150mmW x 125mmH x 65mmD

Power

9-36v DC

Reader Module

Impinj: E710 up to 4 antenna ports

Frequency: 800-960MHz set Aust & NZ 920-926MHz

Standard: ISO18000 Part 6Bb/6C

Powered by Orange Omega 2 LTE

Operating System: Linux

Location: Global GNSS positioning

Connectivity: Wi-Fi, 4G, ethernet optional

Dual mode: 2.4GHz 802.11 b/g/n Wi-Fi

Processor: 580MHz MIPS CPU

Memory: 128MB RAM

Storage: 32MB



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