



ArrowTrack 4G

SENSE, TRACK, TRACE & MONITOR YOUR ASSETS, ANYTIME, ANYWHERE



PRODUCT DESCRIPTION

Rev. 4 – 30/03/2025

OVERVIEW

The ArrowTrack 4G is a full solution for reefer tracking applications. It is a complete cellular GNSS RF terminal, based on cellular GPS/GLONASS RF modules.

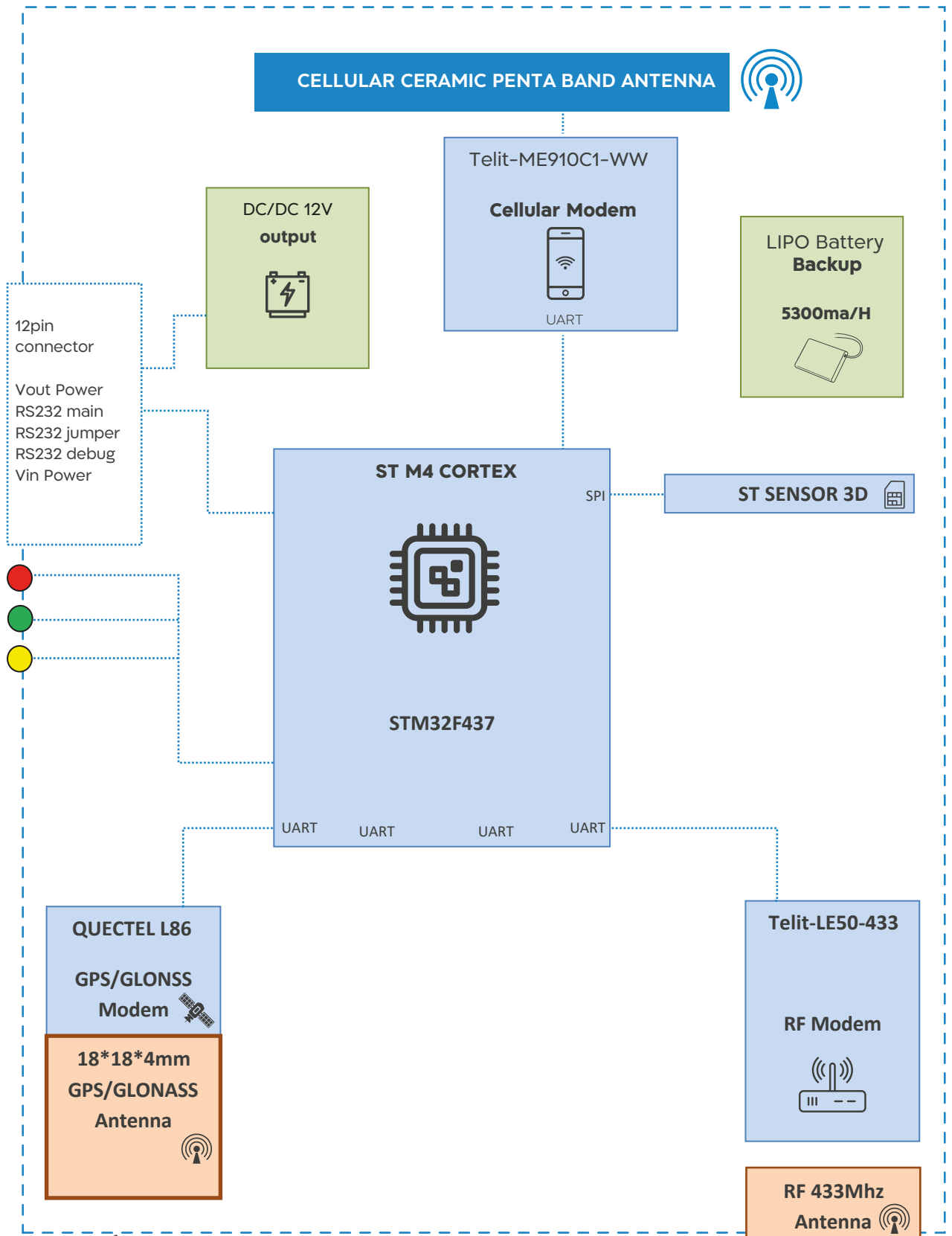
HARDWARE INTERFACE DESCRIPTION

1.MAIN FEATURES OF THE ARROWTRACK 4G

COMPONENT	DESCRIPTION
Incorporates Telit ME910C1-WW CELLULAR Frequency bands FCC KDB 996369	Global 4G LTE (CAT-M & NB IoT) and 2G Fallback with seamless connectivity
Incorporates QUECTEL L86	The module handles all GPS/GLONASS processing
Incorporates Telit LE50-433 or RF Frequency bands	The Telit module handles all RF processing RF – 433Mhz
ST CORTEX M4 Microcontroller	For all processing including up to 1M program memory, 8 UARTs, FLOATING POINT
connector 12 pin micro-fit 3mm	12v output RS232 main RS232 jumper RS232 debug POWER input voltage 24VAC
Antenna	Internal antennas: GSM/UMTS, GPS/GLONASS, RF 433
Back up Battery	1 Cell lithium-ion rechargeable cell, 5300MA



2.HARDWARE BLOCK DIAGRAM





MECHANICAL CHARACTERISTICS

1. GENERAL MECHANICAL DESCRIPTION

Weight	350g
Dimensions (max) L x W x H	210mm x 40.8mm x 40.2mm
Case material	Plastic – Nylon 70% + 30% Fabrics

2. ENVIRONMENTAL REQUIREMENTS

Operating temperature range	-40°C to +80°C
Humidity	5% – 85%

3. PROTECTION CLASS

IP40 Avoid exposing the Terminal to liquid or moisture.

4. ROHS COMPLIANCE

All hardware components are fully compliant with the EU RoHS and WEEE Directives.

5. CE MARK

FCC ID: 2ANZWARRTRACK3G433

