



TTConnect Wave 4G W

Smart Telematics Gateway for Off-Highway Vehicles



Key benefits

- ✓ Ruggedized Telematics gateway to connect your vehicles to the cloud
- ✓ Worldwide 4G LTE coverage
- ✓ Powerful architecture to cover all your Telematics use cases
- ✓ Certified in more than 50 countries

TTConnect Wave 4G W provides a robust and reliable vehicle-to-cloud connection even in demanding conditions. It features a worldwide 4G LTE modem with optional external antennas and can connect to any 4G network in the world, even if your machine is operating in remote areas. The device also supports WLAN connectivity and provides standard in-vehicle interfaces, such as Ethernet and dual CAN.

Our TTConnect Wave enables applications that range from simple machine data monitoring and data logging to more advanced functionalities such as analytics, edge computing and predictive maintenance.

Features

- Standard in-vehicle interfaces
- Cellular 4G LTE connectivity with worldwide coverage
- WLAN connectivity
- GPS/Galileo/Glonass/Baidu GNSS support
- High-performance CPU
- Rugged design for extreme conditions
- Certified in more than 50 countries
- HYDAC MATCH & Qt library support

Use cases

- Easily update the SW of complete vehicles/machines over-the-air
- Investigate machine behavior with detailed data logging
- Rely on remote debugging and assistance
- Be safe with theft protection
- Create and configure machine alarms
- Increase efficiency thanks to automated work documentation and reporting
- Enable new business models

Product features

	TTConnect Wave 4G W
CPU core	Freescall iMX6S Cortex A9 32-bit @800MHz
	Separate core for vehicle communications
RAM	1 GB
Interfaces	1 x 10/100Base-Tx Ethernet 2 x CAN 802.11b/g/n/ac USB 2.0 and OTG 4/5-band LTE 3-band UMTS (WCDMA/FDD) 2/4-band GSM/GPRS/EDGE GPS and GLONASS interface SIM-card connector
Number I/Os	3 analog inputs 2 frequency inputs 1 digital output HSD 1 wake-up input
Other features	Real time clock 1 accelerometer/gyroscope IP67/IP69K rating -40°C to +85°C operating temperature 176mm x 216mm x 40mm (with fasteners)