

# stratus-h

- Hard-wired installation
- Provides GPS tracking
- Optional extra of Driver ID
- Requires professional installation or engineering expertise
- Additional sensors



## 4G network compatible

With 4G compatibility, the stratus-h can connect to the latest mobile networks, ensuring its relevance in the future.

## Compact & robust

The stratus-h is compact, reliable, and durable. It includes an internal battery for use without an external power source.

## Event detection

The stratus-h has an in-built accelerometer that accurately captures speeding, harsh acceleration, and braking data.

## Additional sensors

The Stratus -h tracker offers advanced features like PTO monitoring, temperature tracking, and digital inputs to optimize fleet management and improve efficiency.



## Product

Name	stratus-h
Model	FMC150: Quectel EG915U-EU
Technology	LTE Cat 1/GSM/GPRS/GNSS/BLUETOOTH® LE

## GNSS

GNSS	GPS, GLONASS, GALILEO, BEIDOU, QZSS, AGPS
Receiver	Tracking: 33
Tracking sensibility	-165 dBm
Position accuracy	< 2.5 CEP
Velocity accuracy	< 0.1m/s (within +/- 15% error)
Hot start	< 1 s
Warm start	< 25 s
Cold start	< 35 s

## Cellular

Technology	LTE CAT 1, GSM
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2G bands	FMC150-QJIB0: GSM: B2/B3/B5/B8
4G bands	FMC150-QJIB0: LTE FDD: B1/B3/B7/B8/B20/B28
Data transfer	GPRS Multi-Slot Class 12 (up to 240 kbps), GPRS Mobile Station Class B
Data support	Data

## Power

Input voltage range	10 - 30 V DC with overvoltage protection
Back-up battery	170 mAh Li-Ion battery 3.7 V (0.63 Wh)

## Physical specification

Dimensions	65 x 56.6 x 20.6 mm (L x W x H)
Weight	55 g

## Interface

Digital Inputs	3
Negative Inputs	1
Impulse Inputs	2
Digital Outputs	2
Analog Inputs	2

CAN interfaces	2
1-Wire	1 (1-Wire data)
GNSS antenna	Internal High Gain
GSM antenna	Internal High Gain
LED indication	3 status LED lights
SIM	Micro-SIM or eSIM
Memory	128MB internal flash memory

## Operating environment

Operating humidity	5% to 95% non-condensing
Ingress Protection Rating	IP41
Battery charge temperature	0 °C to +45 °C
Battery discharge temperature	-20 °C to +60 °C
Battery storage temperature	-20 °C to +45 °C for 1 month -20 °C to +35 °C for 6 months