

C4 MAX



The ultimate tracking machine!

As compact as the C4evo but as agile as the C4 D, the new C4 Max is equipped with 3/2 Digital I/O, 2 analog inputs, 2 RS 232, RS 485, ECM interfaces (J1708/1939) Accelerometer and Gyro.

Already chosen by the leaders in the market, the C4 Max is built to fulfil the most stringent requirements in the trucks and bus markets at very competitive prices. It is Certified J1455 for heavy duty labour in harsh environments and comes with an optional waterproof cover for IP protection up to IP 54.

Thanks to its wide variety of interface, the C4 Max is the perfect platform for complex, vertical specific projects that require integration with several third party hardware such as taxi meters, ticket machines, barcode scanners or just the vehicle doors ! With the C4 Max, there is no limit to what your project can achieve.

Best suited for services such as



Driver Rating



Crash Detection



Fuel Consumption Monitoring



Remote Diagnostic



Task Management



Geofencing



Messaging



Tracking

- COMPACT BUT EXTREMELY RESOURCEFUL IN EVERY MARKET
- WIDE ARRAY OF INTERFACES TO PERFORM IN COMPLEX PROJECTS
- FULLY PROGRAMMABLE WITH POWERFUL SDK
- IP54: DUST AND WATER RESISTANT
- FULL ECM CAPABILITIES

Perfect for markets such as



Truck



Waste Collection



Trailer Security



Taxi



Bus



Delivery



C4 MAX specifications

Software Package

Operating System	Morpheus3 OS
Application included	Tracking, service portfolio ...
Customization	Full API library access from SDK



The C4 Max runs the only Open Telematics Operating System: Morpheus3 OS

Performance

Processor	ARM 11 - 500MHz
RAM	64 Mbytes
NAND Flash	256 MBytes (ext to 4GB)
GPS receiver	Sensitivity : -161dBm, 64 channels
Modem	Quad-band GSM/GPRS
Internal 3D Accelerometer	Full scale output range: $\pm 2g$; $\pm 4g$; $\pm 8g$
Internal 3 axis Gyroscope	Full scale range $\leq \pm 2000^\circ/\text{sec}$ (on option)
External Sensors box	External 3D gyro & accelero (on option)



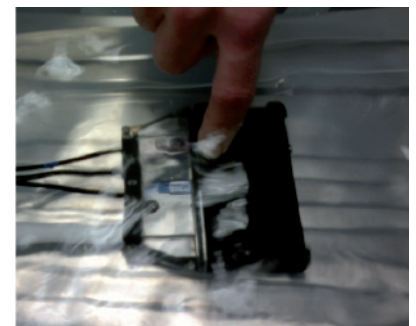
Tune each setting and interface directly using 3000+ APIs on Morpheus3 SDK



Connect your service, database or proxy on a scalable server with CloudConnect

Interface & Telematics features

Digital Inputs	3: Ignition, alarm and 1 input active low
Digital Outputs	2 (relay control & immobilizer on option)
Analog inputs	2
RS232	2
RS485	On option
CAN 2.0	1
J1708	On option
Digital tachograph	Option
Mini USB	Host/Device/UART
Driver ID	Yes
LEDs	2 (1 controlled by software)



Actual test condition for the IP 54 cover box

Environmental

Power supply	External, 8-32V
Battery & charger	(optional) 900 mAh
External voltage measurement	1 (with wake up functionality)
IP Protection	IP 54 cover box on option
Connectors	microFIT 20 pins & Fakra
Operating temperature	-25/+70°C without battery
Dimensions (mm)	88 x 54 x 17



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