

Technical Specification

DM200

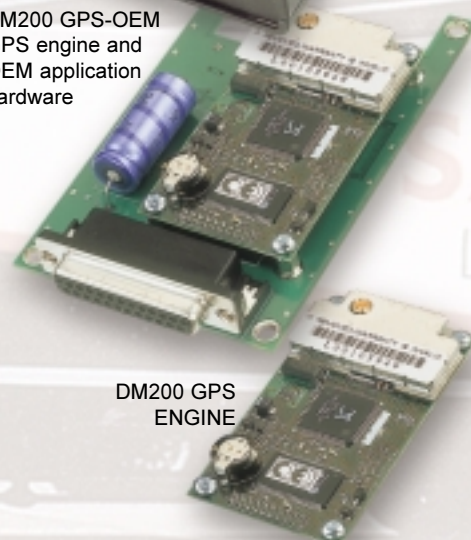
Bandwidth	UHF 403-460 MHz Wideband UHF 411-428 MHz Narrowband
Channel Spacing	12.5 KHz
RF Outputs	0.1-10W (Automatically adjustable in 1dB steps)
Modulation Type	Modified GMSK
Data Rates	Compliant with Mobitex
Power Supply	13.2V dc nominal / 15.6V dc maximum / 9.8V dc Minimum
Current Consumption	Transmit 4A @ 10W 2A @ 5W, 800mA @ 1W / Receive 140 mA
Operating Temperature Range	-30 °C to + 60 °C
Antenna Connector	TNC female 50 ohm
Antenna VSWR	2:1 worst case
Dimensions	Depth 35mm / Length 130mm / Width 78mm
Weight	400g
Approvals	R&TTE (1995/5/EC) ARTICLE 3.1 (a) (SAFETY) EN 60950 3.1 (a) (HEALTH) ECR 1999/519/EC 3.1 (b) (EMC) ETS 300 279, ETS 300 339 3.2 (RF SPECTRUM) ETS 300 113
Robustness	AUTOMOTIVE EMC (95/54/EC) Rugged casing - cast aluminium for long life in harsh environments. Conforms to IEC 529 standard for resistance to extremes of heat and vibration. Certified to IEC 529 level IP54 for dust and water ingress.



DM200GPS

Receiver	12 channel receiver
Power	12v @ 250mA
Dimensions	Depth 35mm / Length 130mm / Width 78mm
Weight	330g
Approvals	AUTOMOTIVE EMC (95/54/EC)
Robustness	Rugged casing - cast aluminium for long life in harsh environments

DM200 GPS-OEM
GPS engine and
OEM application
hardware



Please note:

The DM200GPS-ENGINE will only work with the DM200 if it is connected via the DM200GPS-OEM application hardware. This allows the DM200GPS-ENGINE to work directly with the MiniApp2 application inside the DM200.

The DM200GPS-ENGINE is a stand alone GPS receiver to work with independent application hardware.

- Serial Data in NMEA 0183 format
- Delay past crank protection
- Separate supply for almanac continuity
- Supports active antenna
- SMA female connector for GPS antenna
- 25 way D-Type output connector to DM200