

MDC



MDC	MDC	MDC CDMA
Processor		
Motorola 68HC16	✓	✓
Display		
240x64 Transflective Backlit Graphical LCD Display	✓	✓
Standard Interfaces and I/O		
Variable Voltage Output on Com Port 1 (2.7 to 11.5V)	✓	✓
4 digital I/Os	✓	✓
5 analog inputs	✓	✓
3 RS232 Com Ports	✓	✓
J-1708 Capability for Transit Peripherals	✓	✓
Pulse Accumulator	✓	✓
Audio Switching matrix	✓	✓
Audio		
Covert Microphone	✓	✓
Environmental		
Operating Temperature ¹		
Min: -30 °C/-22 °F	✓	✓
Max: 60 °C/149 °F	✓	✓
Size: 8.5 x 2.0 x 3.5"/216 x 51 x 89 mm	✓	✓
Weight: 1.3 lb/0.59kg	✓	✓
Power Supply Voltage		
9-18V	✓	✓
Optional Features		
PCMCIA SRAM Memory (up to 32 MB)	✓	✓
Internal Magnetic Card Reader	✓	✓
Internal 16 channel GPS receiver with WAAS compatibility - requires active GPS antenna	✓	✓
Internal radio modem ² (4800 - 9600 bps) for conventional radio systems	✓	✓
Internal wireless modem (1xRTT, Mobitex, or IDEN)	✓	✓
Internal Taximeter	✓	✓
External Network Support (Datatec, EDACS, GPRS)	✓	✓
GPS		
16 Channel Internal GPS receiver (with external antenna connection)	✓	✓
Integrated Data Modem Options		
1xRTT		
Frequency Bands: 850/1900 MHz		✓
Network Certification: Verizon, Sprint, Alltel, Bluegrass Wireless		✓
Approvals: Data Only		✓
UHF/VHF - 800/900 mHz	✓	✓
Supported Peripherals		
Keyboard	Opt	Opt

Printer	Opt	Opt
Debit Pinpad	Opt	Opt
Testing		
<i>Vibration</i>		
MIL-STD-810F Method 514.5	✓	✓
Certifications and Approvals		
FCC part 15, Class A	✓	✓
Industry Canada RSS-210	✓	✓
UL/CSA 60950 Safety of Technology Equipment	✓	✓
<p>NOTES:</p> <p>1. Operating the MDC beyond the given temperature specifications is not recommended and may reduce lifespan. MDC should be mounted low on the dashboard to prevent temperature extremes.</p>		