



G200 Wireless Modem

Delivering seamless mobility to the M2M world



The Motorola G200 self-contained, wireless modem enables quick and easy, seamless connectivity for today's fastest-growing M2M applications. Fully type-approved, the G200's design allows applications to be easily connected and configured. The G200 also includes proven industry-standard connectors and industrial grade circuitry, as well as remote access, an embedded firewall, TCP/IP stack and over-the-air configuration, offering one of the most affordable, secure and versatile modems on the market today.

The G200's standard and specialized AT commands simplify network connection and equipment configuration, enabling customers to bring some of the most advanced M2M applications to life faster than traditional solutions. This full-function, class 8 GPRS capacity, plug-and-play wireless solution minimizes the customer's need for additional components, increasing the speed to market, which can be the difference between success and failure in the dynamic M2M world.



MOTO2MOTO



The G200 Wireless Modem is ideally suited for a range of M2M and business applications, including:

- Demos/Proof of Concept
- Vending
- Retail Transactions (EPOS)
- Remote Control/Telematics

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Product Specifications

PERFORMANCE
<ul style="list-style-type: none">GSM Phase 2+ compliant
Operating Bands
<ul style="list-style-type: none">Dual Band modem
900/1800 MHz
850/1900 MHz
Output Power
<ul style="list-style-type: none">2W Class 4 @ 850/900 MHz1W Class 1 @ 1800/1900 MHz
Operating Voltage
<ul style="list-style-type: none">Voltage: 12 - 30V, 0.5A
Current Consumption
<ul style="list-style-type: none">500mA TX Peak150mA Average operation
Environmental
<ul style="list-style-type: none">Operating temperature: -20°C +70°CStorage temperature: -40°C +85°C
ENCLOSURE
<ul style="list-style-type: none">Extruded Aluminum with plastic coversSize: 94 x 59.5 x 25 mmWeight: 125g
PHYSICAL INTERFACES
<ul style="list-style-type: none">RS232 DB9 femaleAntenna 50 SMA maleStandard Power PJ1-022 connector3.0V SIM Card

AT COMMAND SET
<ul style="list-style-type: none">GSM 07.05GSM 07.07GSM 07.10 - MultiplexerMotorola proprietary commands
DATA FEATURES
GPRS
<ul style="list-style-type: none">Multi slot Class BGPRS class 8Max BR 85.6 KbpsCoding scheme CS1-CS4TCP/IP Client & Server socketsUDP/IPPPP
SMS
<ul style="list-style-type: none">MO / MTTEXT & PDU modeCell broadcast
DATA CALL
<ul style="list-style-type: none">CSD up to 9.6 KbpsTransparent and Non-transparent modeSynchronous and asynchronous modeV.110, V.32
FAX
<ul style="list-style-type: none">Group 3, Class 1
DTMF

REMOTE ACCESS
<ul style="list-style-type: none">Motorola Over the Air ProtocolBuilt in firewallRemote Debugging/Diagnostics
LED INDICATORS
<ul style="list-style-type: none">ServiceTransmitReceivePower
REGULATORY AND APPROVALS
<ul style="list-style-type: none">FCCCEGCFICACMAPTCRB
ACCESSORIES
<ul style="list-style-type: none">Setup wizardAntennaWall mount AC adapterPlug in power supply
SUPPORT
<ul style="list-style-type: none">One year manufacture warrantyTwo year warranty extension (Optional)Integration services (Optional)



CONTACT

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