



PRODUCT SPECIFICATION **COMMUNICATOR 500**

- CDMA/EvDO Cellular Modem
- Integrated GPS Receiver
- 802.11b WiFi for External Vehicle Operations

The Wireless Matrix Communicator 500 is a cellular CDMA/EvDO communications platform for vehicle fleets. It provides high speed broadband cellular capability integrated with 802.11b WiFi communications for operations outside the vehicle. The Communicator 500 also includes integrated GPS functionality supporting Wireless Matrix's FleetOutlook® vehicle management solution. The unit mounts inside the vehicle and offers multiple input and output ports for monitoring vehicle functions and status. Cost-effective and feature-rich, the communications capability of the Communicator 500 allows you to do more with your existing fleet while simultaneously reducing operating expenses.

OPTIONS

Network Features

- Cellular (CDMA/EvDO)
- 802.11b Wireless LAN Access Point
 - For operations requiring connectivity when laptop is untethered and in-building
- GPS Receiver
 - Hot-Fix time: 10s max
 - Accuracy: 3 meter
 - WAAS (optional)

Interface Options

- Ethernet
- RS232
- USB
- 6 digital inputs
- 4 digital outputs
- 1 analog input

Certifications

- FCC/IC
- Verizon EvDO
- Sprint EvDO
- TELUS EvDO

MODEM

Physical Characteristics

- Overall dimensions: 2.95" x 6.61" x 2.16" h
- +70°C to -30°C operating temperature range
- Shock, humidity, EMS and vibration: per SAE J1455

Computing

- 32 MB Flash
- 64 MB SDRAM
- SD card slot
- Windows CE 5.0

Raw Data Rate

- Cellular: 300 - 700 Kbps
- Wireless LAN: 1 Mbps

Power

- Operating Voltage: 9 to 18 VDC
- Usage:
 - On: 200 - 300 mA
 - Sleep mode: 10 - 70 mA



**WIRELESS
MATRIX**

For more information about this product or any of our products and services, please contact Wireless Matrix.
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