XT-2050C is the most versatile and economical diagnostic device available today for communicating vital vehicle information to owners via ubiquitous CDMA networks. With an optional integrated GPS engine, embedded cellular, PCS and GPS antennas, and integrated OBDII interface, XT-2050C is the ultimate solution for fleet managers in need of monitoring location, speed, and many other codes available on the OBD port of vehicles. With an integrated J1962 connector, an extremely compact design powered through the OBD port, and low power consumption, XT-2050C can be installed in matter of seconds which substantially reduces the high cost of installation.

XT-2050C which operates on a CDMA network, supports TCP, UDP, FTP and is capable of firmware update over-the-air. With a highly sensitive GPS engine along with an integrated GPS antenna and multiple OBD II protocols supported, XT-2050C can be installed in majority of vehicles available in North America.

XT-2050C is another example of Xirgo Technologies’ dedication to design and manufacture of superior products.

### XT-2050C Specification highlights

- CDMA 1xRTT
- 1xRTT Supports 800/1900 MHz dual band
- LED status indicators for GPS lock, GSM registration and OBD II lock
- Over-the-air firmware upgrade
- Supports TCP, UDP, FTP
- Optional integrated GPS engine and antenna for tracking applications
- Supports SMS connectivity
- Supports all OBDII protocols
- No external antennas or power connectors needed
Specifications

**Cellular Specification**

<table>
<thead>
<tr>
<th>CDMA 1xRTT Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual-band Support</td>
</tr>
<tr>
<td>- 800 MHz</td>
</tr>
<tr>
<td>- 1900 MHz</td>
</tr>
<tr>
<td>Protocol</td>
</tr>
<tr>
<td>- Supports TCP and UDP</td>
</tr>
</tbody>
</table>

**GPS specification**
- Receiver: 50 channel
- Receiver Sensitivity: -161 dBm
- Accuracy: +/- 2.5m CEP
- Cold Start: <33 sec
- Hot Start: <1 sec

**OBD II Protocols Supported**
- J1850 PWM
- J1850 VPW
- ISO-9141-2
- ISO-14230 KWP2000
- ISO-15765 CAN

**Power Requirement**
- D.C Power: 6-18V
- GSM 850: 35mA average @12V
- GSM 1900: 30mA average @12V

**Physical Connection**
- OBD Connector: J1962
- GPS Antenna: Integrated
- Cellular Antenna: Integrated dual-band (850-1900 MHz)

**Mechanical**
- Case Material: ABS plastic
- Dimensions: 1.8” X 1.5” X 1”
- Weight: <2 oz.
- Operating Temperature: -30°C to +75°C

**Certifications**
- FCC
- Sprint Network (pending)
- Verizon Network (pending)