



LMC01 Latitude Mobile Controller

- **Smart Data Terminal for Geo Location of Aircraft**
- **Text Messaging**
- **Mobile Dispatch**
- **12 Channel GPS Receiver**
- **Serial Ports:**
 - **Phone/Modem**
 - **Printer**
 - **Portable Computer**

The LMC01 is an intelligent TCP-IP terminal that uses available Globalstar™ or Iridium satellite communications equipment to provide mobile tracking and messaging services.

The LMC01 supports both real-time and historical content for Web-based geographical information systems (GIS) and computer-aided dispatch (CAD) systems.

Its position and system status reports can be scheduled on a periodic, polled or event-driven basis. Text messages can be sent to a peripheral screen or printer display.

A local or network terminal can be used to configure both standard and custom-developed applications.

The LMC01 provides mobile dispatch, tracking and telematics data delivery where ground-based modes of communication are inadequate.

The LMC01 is ideally suited for aircraft and ground support equipment engaged in mission-critical operations including forest fire fighting, environmental survey and public safety asset management.

Electrical and Data Interfaces:

- Wide input voltage range (9-30 VDC)
- Internal 12 channel GPS receiver module
- Flash memory for data logging
- Serial data ports for phone/modem, printer, portable computer
- Discrete logic I/O

Program and Networking:

- UDP and TCP-IP packet-based session support
- Globalstar™, Iridium, CDMA, GSM wireless network interfaces
- User-programmable configuration settings
- Tracking/messaging functions controlled by local-host application server

Physical Specifications:

Size: 6.80. x 3.35. x 1.55.

Weight: 0.6 lbs.

Temperature range: -30° to +60° C

Environment Qualifications:

DO-160D Env. Cat. A4-AB[(SM)(UF)]
1XXXXXXAB2BXXXXBXXXX

Approvals: TC-STC#SA02-64



1925 Kirschner Road
Kelowna, BC · V1Y 4N7
Canada
Tel: (250) 763-2232
Fax: (250) 762-3374
www.northernairborne.com