# Product Specification
# Leica mojoMINI

## Overview

The Leica mojoMINI is compact and quick to install in the cab or in the car, it's also packed with a lot of features which make it the most versatile lightbar system on the market. It offers two lightbar modes: the traditional cross track only lightbar and the Leica smart lightbar. This maintains a straighter, more consistent line every time.

## Software

### Field Guidance

- AB Parallel guidance
- A+ Heading guidance
- Fixed Contour guidance
- Pivot guidance
- Automatic Bluetooth® connection to the Leica GeoSpective receiver
- Configurable lightbar

### Mapping

- Boundary Recording
- Coverage Mapping
- Continue Field
- Data export to kml

### Accuracy options

- Autonomous
- WAAS/EGNOS

### Set up

- Download the latest software from Virtual Wrench via SD card

### Street Guidance

- Turn-by-turn guidance
- Text-to-speech spoken street names (not available in all languages)
- Search for address by city, street or postcode
- 3D, 2D heading up, and 2D north up view modes

## Hardware

### Display

- 4.3 inch color, touch-screen display
- Built-in speaker
- 12-24 volt operation
- Built-in rechargeable battery delivering about 2 hours of portable use
- Built-in GPS receiver for street navigation
- Built-in calculator
- Dimensions: 118.4 x 78 x 15.5mm
- Weight: 180g
- Resolution: 480 x 272, 18-bit colour
- User Input: Resistive Touch
- Brightness: 300cd/m2
- Contrast Ratio: 300:1 (typical)

### Environmental

- Operating temperature: 0°C to 60°C
- Stoarage temperature: -40°C to 75°C
- Humidity: 92%
- Dust protection: IP5x
- Drop Test: 100cm on all sides

### Other specifications

- Compliance: CE, C-Tick, FCC
- Input Voltage: 5V
- Power Adaptor: 12-24V
- Battery: 900MaH
- Battery Life: 1.5Hrs
- USB: V1.1

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## Leica Geospective smart antenna

## Software

### Accuracy
- SBAS (for WAAS, EGNOS, etc.)
- GL1DE® for enhanced pass-to-pass accuracy
- Pass-to-pass accuracy 15-20cm, measured over 15 minutes

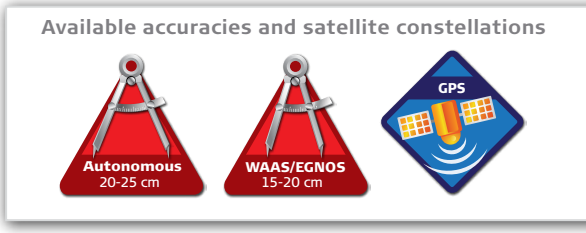
## Hardware

### Antenna
- 14 channel L1 GPS+GLONASS receiver plus antenna
- Weight: 500g
- 5m power cable
- Magnetic or adhesive mount
- Dimensions: 155mm diameter x 68mm height

### Interfaces
- 2 RS-232 serial ports
- 1 CAN Bus NMEA 2000
- 1 Bluetooth module
- 1 PPS
- Ground speed output
- Event mark input

### Environmental
- Operating temperature: -40°C to 75°C
- Stoarage temperature: -55°C to 90°C

### Other specifications
- Compliance: CE, C-Tick, FCC
- Input Voltage: +8 to +36 VDC
- Power Consumption 2.5 W (typical)




GL1DE is a registered trademark of NovAtel Inc.

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- when it has to be **right**

Leica Geosystems