

1 December 2014

LOADRITE distributor confidential

## Trimble LOADRITE COMMUNICATIONS CONTROLLER (LD343) DATA SHEET

The Trimble LOADRITE™ Communications Controller - Mobile (LCC-M) is an optional accessory to provide wireless connectivity from your LOADRITE indicators or integrators.

### Data transmission options:

- Email (as a CSV email attachment)
- FTP (Customer supplied Server)
- LOADRITE MMS (via LOADRITE Server)
- LOADRITE Insight
- LOADRITE InsightHQ

### File formats

- CSV file (e.g. for use in Microsoft Excel)
- EDP data

### Features

- Real-time transmission of data from your LOADRITE indicator/integrator via cellular network
- Synchronized clock with cellular provider for local time zone.
- Simple installation

### Compatibility

- X-Series (X2350, X2650)
- L-Series (L2150, L2180)
- C-Series (C1850 V3.0 or above, C2850)

### Model options:

- LC343B for 3G cellular applications
- LD343e for 3G cellular and Ethernet applications
- LD343e1 for 3G cellular and Ethernet applications of LOADRITE360 for loadout



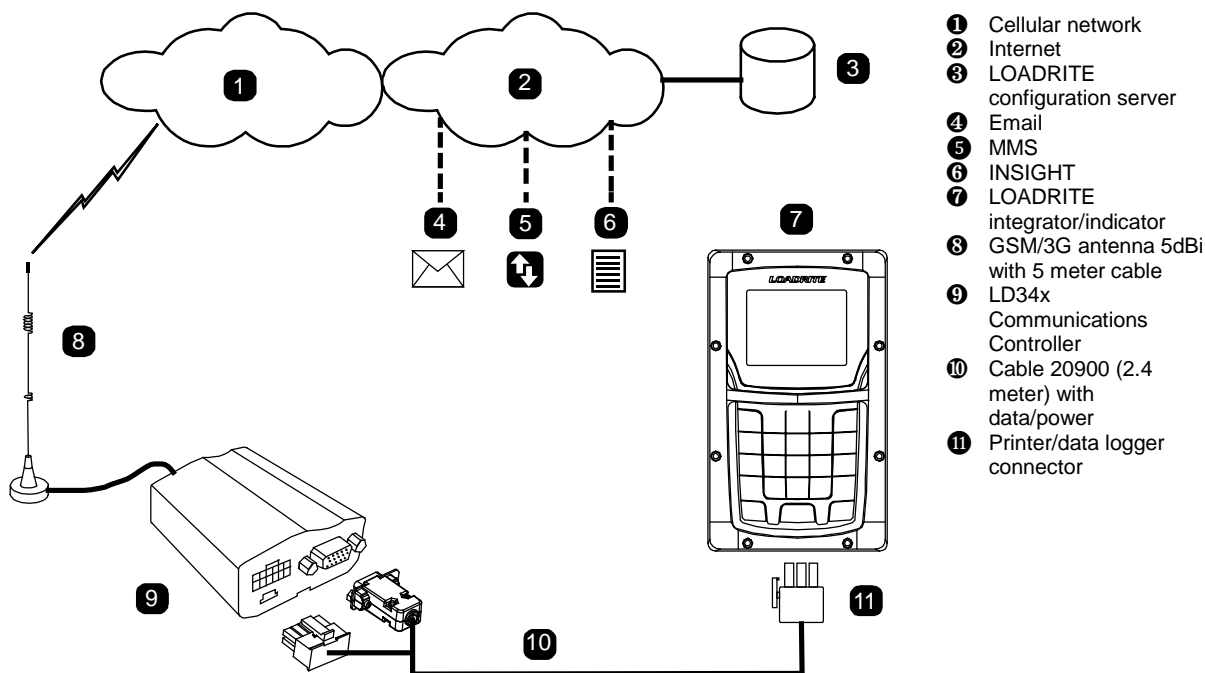
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## Connection diagram



- ① Cellular network
- ② Internet
- ③ LOADRITE configuration server
- ④ Email
- ⑤ MMS
- ⑥ INSIGHT
- ⑦ LOADRITE integrator/indicator
- ⑧ GSM/3G antenna 5dBi with 5 meter cable
- ⑨ LD34x Communications Controller
- ⑩ Cable 20900 (2.4 meter) with data/power
- ⑪ Printer/data logger connector

The LCC uses cellular networks to transmit data. Consult your local cellular provider to ensure compatibility.

	<b>LD343</b>
GSM	900, 1800, 850, 1900
HSPA	850, 1900, 2100
GPRS	Class 12
EDGE	✓
Data	✓
SIM Interface	1.8/3V
SMA Main Antenna	✓
SMA Diversity	✓
Generic Support	3G

### Supported languages

- User literature available in English and French.

### Warranty

- One year parts and labour.

### Standard system components

- Communications Controller ASS-LD343 unit
- 2 x Mounting Bridles
- Data/Power Cable (AAA-20966)
- Antenna GSM Whip and Base (RFC-ANT-AGM024P/SMA-5M)

**Note: It is the responsibility of the LOADRITE distributor or customer to arrange the purchase of a SIM card and activation.**

**Physical Specifications**

- Weight: LD343 120 g (4.2 oz)
- Dimensions: 90 x 60 x 30 mm (3.5 x 2.4 x 1.2 in)

**Power Consumption**

- Supply Voltage: 4.75 to 32 VDC
- Current Consumption: <500 mA, <1.5 A peak @ 12 V

**Environmental Specifications**

- Operating Temperature: -20 °C to 55 °C (-4°F to 131°F)
- Storage Temperature: -20 °C to 60 °C (-4°F to 140°F)

**Approvals**

- CE, A-tick, FCC, IC