

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



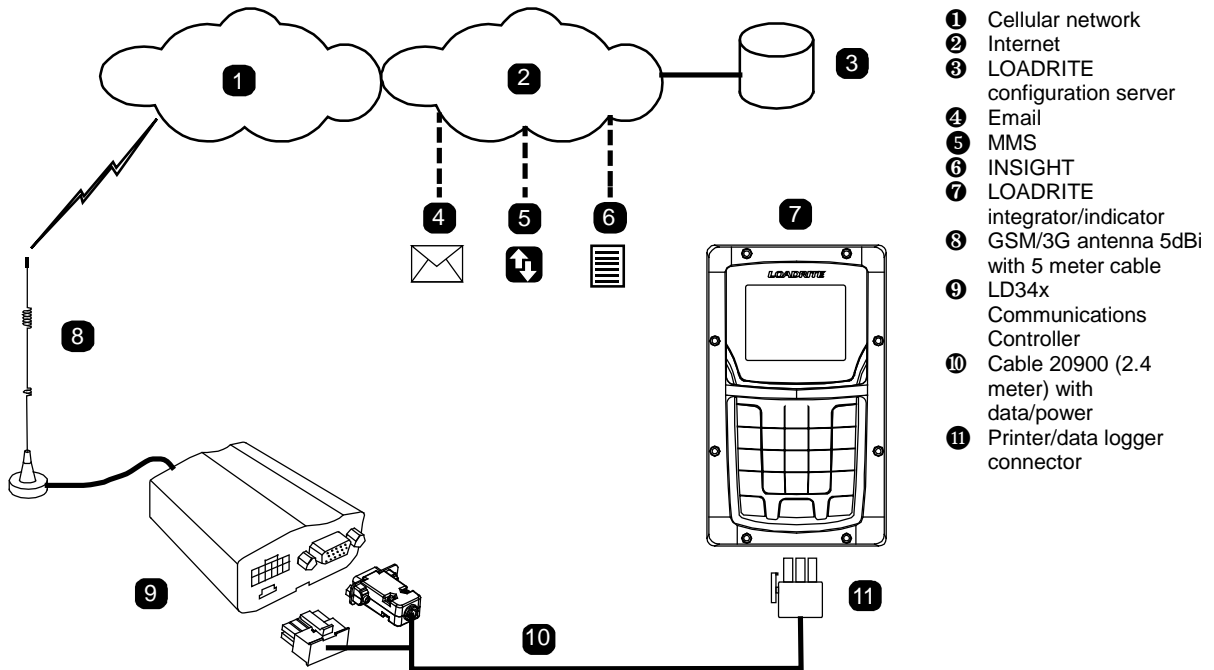
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Connection diagram



- 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.

	LD343
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

