Loadrite LD354
Loadrite Gateway

Connect your Loadrite scale to InsightHQ.

The Loadrite® LD354 Gateway provides a real-time, two-way data cellular communication link for Loadrite scales to send payload data and production metrics, as well as productivity & progress data for visualization and evaluation in InsightHQ.

When combined with InsightHQ, the LD354 provides managers, contractors, owners, supervisors, and rental companies with real-time mapping, productivity, and efficiency data from the Loadrite scales. Using the LD354 allows managers to more effectively manage remote operations from the office and on the move.

Real-Time Communications

The LD354 can receive product and machine list updates from the office and provide them to your Loadrite scale and also convey production data from the scale back to the office. This field-to-office communication saves both time and money and increases overall worksite productivity and efficiency.

Features

- Provides vital real-time production metrics and productivity history via InsightHQ.
- Worldwide carrier support (LTE, 4G, 3G and GSM [EGPRS, GPRS]).
- Simple to install and designed for rugged environments.

LOADRITE®

Loadrite scales supported

- C2880, C2850, C2820
- H2250
- L2180, L2150
- X2350, X2650

Cellular

LD354-A Frequency Bands LTE bands 2,4,5,13,17, UMTS 850/1700/1900 and GMS 850/900/1800/1900

LD354-G Frequency Bands .LTE bands 1,3,7,8,20, UMTS 900/1800/2100 and GMS 900/1800

GPS Receiver

Type . . . . 12 channel; L1 GPS C/A Code, Continuous Tracking
SBAS support . . . . WAAS, EGNOS
Horizontal accuracy. . . . . <2 m (50% CEP)

Connections

Multi. . . . . 34 Pin male positive locking
GPS Antenna . . . . SMA Jack
LTE Antennas. . . . . .TNC, RP-SMA Jack
WLAN. . . . . RP TNC Jack
Cellular Communications. . . . . .LTE, 3G, 4G and GSM(EGPRS, GPRS)
Inputs & Outputs . . . . 1 serial port RS-232 – connect to scale

Power Requirements

Input voltage. . . . . 7 to 32 V DC
Current consumption . . . . Active, no RF transmission: 233 mA at 12 V DC
Active, with RF transmission. . . . . 275 mA (400 mA peak) at 12 V DC
Low power standby mode. . . . . <8 mA at 12 V DC

Physical Specifications

Enclosure Material. . . . . Cast Aluminum
Weight. . . . . 1.09 kg (2.4 lbs)
Dimensions . . . . W230 x L136.3 x D40 mm (9.05 x 5.37 x 1.57 in)
Operating temperature . . . .-30°C to 85°C (-22°F to 185°F)
Environmental protection IP67
Humidity, Shock, Vibration Operating . . . . SAE J1455

Certifications

- CE, WEEE, RoHS