



BlackBerry Radar M

Cargo and Environmental Sensors Help Protect Your Valuable Cargo

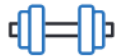
Improve fleet utilization and productivity, maintain cargo integrity and maximize the ROI of fleet and cargo assets with BlackBerry® Radar M. BlackBerry Radar M is best suited for dry trailers, refrigerated/heated trailers and intermodal and container fleets.

Seven device sensors that allow for event-driven alerts

- **Location:** Track assets when in motion or stationary and with customized geofencing. Drivers can find fleet assets using their mobile phones.
- **Cargo:** Detect the load status of your trailer or container.
- **Temperature, Pressure and Humidity:** Monitor the conditions inside the container and remain in compliance with perishable product regulations such as US FSMA, or manage sensitive cargo, such as pharmaceuticals.
- **Door Events:** Monitor the open/close status of your trailer and container doors.
- **Motion Detection:** Know when your asset is on the move or in/out of a geofence.



**EASY INSTALLATION
AND NO WIRING**



**RUGGEDIZED
DEVICE**



**5-MINUTE DATA
COLLECTION RATE**



**GLOBAL NETWORK
CONNECTIVITY**

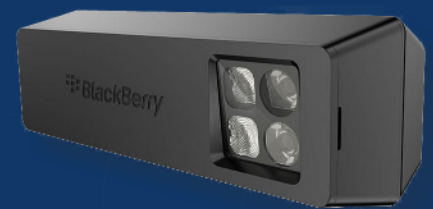


**5-YEAR
BATTERY LIFE**



**SUITE OF
7 SENSORS**

BlackBerry Radar M



Enhanced Cargo Visibility into:

Containers
Trailers

Readings

- Movement, door opening and closing detection
- Temperature, pressure and humidity
- Cargo load

Powerful Interactive Reports and Alerts

The BlackBerry Radar M cloud-based platform presents the user with simple-to-understand and powerful interactive reports designed specifically for managing mobile transportation assets.

Users can receive event-driven alerts that can be triggered by the sensor data or activity within geofences.

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BlackBerry Radar[®]

Asset Monitoring Engineered for Intelligence



BlackBerry Radar M

Protect Your Valuable Cargo

Industry-leading Frequency of Data Collection

Sensor readings taken every 5 minutes can be uploaded in groups to the secure cloud platform at an interval of every 15 minutes or more, as configured by the user.

State-of-the-art Multi-year Battery

BlackBerry Radar M's best-in-class visibility is powered by a replaceable high-performance battery that has a life span of 5 years.

Standard BlackBerry Radar Solution Features

- End-to-end solution (device, software and cloud platform)
- 10-minute device installation
- Wireless installation
- Map-based UI and geofencing
- Automated yard check
- Mobile app (locate asset)
- Asset utilization reporting
- Dwell and detention reporting
- 2-year data storage
- Miles driven

- Asset timeline view
- Instant alerts
- Cellular data plan
- Live mapping
- Fully hosted 24/7/365
- Best-in-class security technology
 - Secure data management
 - Secure cloud-based over-the-air software updates
- Excellent value for data and services

Technical Specifications

Communications

UMTS: Bands 1, 2, 5, 6, 8 HSDPA cat 8, HSUPA cat 6

• 800/850/900/1900/2100 MHz

GSM/EDGE Bands 2, 3, 5, 8 multi-slot class 12

• 850/900/1800/1900 MHz

Location

GPS / GLONASS

Battery

High capacity non-rechargeable primary battery operating at 7.2V

Physical

Two pieces solution with battery and sensors inside and external module with the antenna and radios

- **Inside:** 290mm x 96mm x 53mm thick (11 27/64" x 3 25/32" x 2 3/32" thick)
- **Outside:** 290mm X 96mm X 28mm thick (11 27/64" x 3 25/32" x 1 7/64" thick)
- **Weight:** 1.3kg (2.9 lbs)

Environmental

- Operating Temperature -40 to +85°C (-40 to +185°F)
- MIL STD – 810F
- Drop, shock, humidity, salt fog, vibration, UV
- SAE J1455 – water spray
- EN-60950-1:2006 – impact
- IP 67 water and dust

Certifications

Global Certification Forum (GCF)

PCS Type Certification Review Board (PTCRB)

Conformité Européene (CE)

Federal Communications Commission (FCC)

Industry Canada (IC)

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