



DEVICE

nxLOCATE™

Asset Tracking Device



nxLOCATE is a battery operated, cellular tracking device that is a component of an asset tracking solution. nxLOCATE supports multiple use cases for asset tracking and supply chain optimization to enable the Industrial IoT.

nxLOCATE features high accuracy GPS, a 3G cellular module, an accelerometer, and is ruggedized and weather proof. Powered by four user replaceable AA Lithium batteries, nxLOCATE can send/receive messages for years, supporting long life applications in the field.

- BENEFITS**
- Deploy in remote areas where power is not available or too expensive
 - Maintain asset location awareness
 - Accurate tracking and monitoring of high value assets
 - Powered by ultra long life, user replaceable batteries

Features

Provides motion detection via a 3-axis digital output linear MEMS accelerometer with advanced power saving

Three interval reporting rates:
 In-motion intervals (reporting when moving)
 At-rest intervals (reporting when stationary)
 Fixed time-of-day reports (reporting at specified times of day)

Multiple user-specified geofences
 Dynamic geofences set perimeter when device comes to rest
 Static geofences set perimeter at specific locations

Over-the-air (OTA) configuration updates

Status LED for operational monitoring

Specifications

Power	2.0 to 3.6 volt operation using four standard, user replaceable AA lithium batteries Ultra low power (<10 µA) sleep mode
Data transmission	3G (HSDPA) cellular radio High-accuracy, 56 channel GPS-positional accuracy Internal antennas (Cellular, GPS)
Sensor	High sensitivity accelerometer - 0.01 G resolution
Dimensions	5.3" L x 3.5" W x 1.1" H (134 x 89 x 28mm) Weight: 8 oz. (230 gm) with batteries
Environmental	IP69K, IP68, SAE J1455 (thermal shock, vibration, dust, and submersion)
Operating temp	-22°F to 167°F (-30°C to +75°C)
Mounting	Screw, VHB tape, DIN rail
Certification	PTCRB, AT&T, Rogers, FCC, and Industry Canada

Specifications subject to change without notice.

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