



DEVICE

nxLOCATE™

Asset Tracking Device



nxLOCATE is a battery operated, cellular tracking device that is a component of a managed service 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, 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

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 and firmware updates

Provides motion detection via a 3-axis digital output linear accelerometer

Status LED for operational monitoring

Specifications

Power	Four standard, user replaceable AA lithium batteries Ultra low power (<10 µA) sleep mode
Data transmission	3G (HSDPA) cellular radio with 2G fallback where available High-accuracy, 56 channel GPS-positional accuracy Internal antennas (Cellular, GPS)
Communications	Cellular data transmission via UDP protocol
Sensor	High sensitivity accelerometer - 0.01 G resolution
Dimensions	5" L x 3.25" W x 1.2" 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.