



## 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

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 (stealth mode available)

### 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 2.0 meters at very low current Internal antennas (Cellular, GPS)
Communications	Utilizes real-time nxOS operating system and nxFAST™ protocol
Sensor	High sensitivity accelerometer - 0.01 G resolution
Dimensions	7.6" L x 2.9" W x 1.1" H (194 x 74 x 28mm) Weight: 9 oz. (260 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.