SEEONIC®

XTAG™
Interactive Asset Tracking / Monitoring / Authentication

IoT

RFID

NFC

Authentication

Event Detection

Geo-location

XTAG

Onboard your Assets to the Internet of Things (IoT)

XTAG™ is a standalone passive/active/Cloud tag that can be affixed to any asset to instantly enable automatic remote, indoor and in-transit tracking. Leverage industry-standard logistics equipment, smartphones and the IoT to monitor and authenticate your high-value goods wherever they are in the field.

XTAG™ Benefits

Comprehensive Connectivity
Seamless interactivity with fixed readers, handheld readers, smart phones and the IoT Cloud (patent-pending)

No Local Infrastructure Required
Ultra-long range communications using untethered battery power allows deployments to scale widely and rapidly

Full Operations Visibility
Facilitate interactions in the field and monitor remote operations from the Cloud to optimize business processes

Key Features

Multi-radio compatibility
LTE-M or LoRa, RFID, BAP and NFC all in one tag (with optional BLE and WiFi add-ons)

Remote Event Detection
Temperature, humidity, light, tampering, drop, tilt, vibration, geolocation and more in realtime

5+ Year Battery Life
Based on award-winning ultra-low power technologies that transmit intelligently

Use Cases

Fixed Asset
Monitor status remotely, perform audits automatically and connect/control via aux ports

Supply Chain Logistics
Geolocate and validate the integrity and authenticity of goods while optimizing processes

Workzones & Wearables
Track movement of equipment and ensure safety of human assets in complex environments
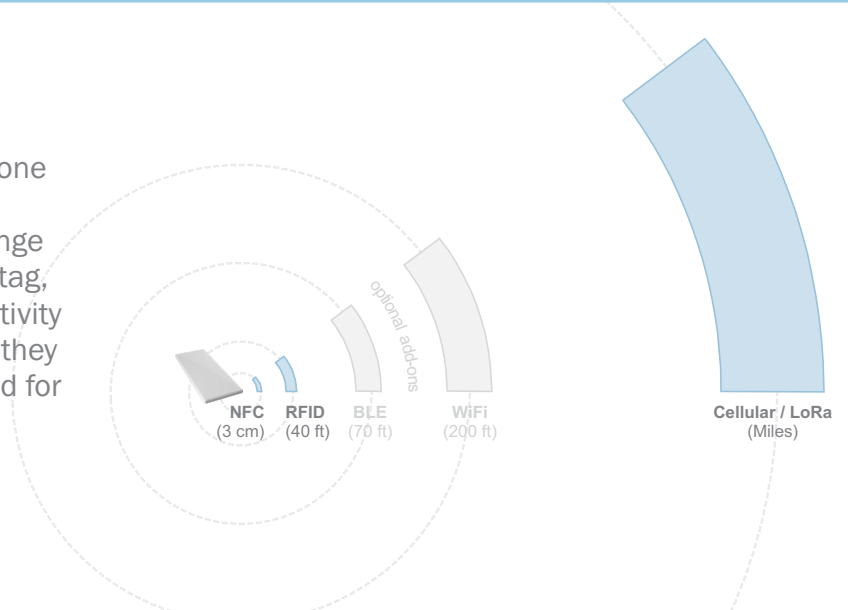
SEEONIC
Untethered RFID

XTAG™ Family Details
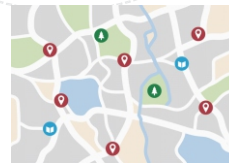- XTAG-C (LTE-M1 Cellular)
- XTAG-L (LoRa)

Comprehensive Connectivity

Typical asset tracking technologies rely on one mode of communication. XTAG™ offers comprehensive short, medium and long-range connectivity all in a single cross-functional tag, providing enterprise visibility to and interactivity with your assets anytime, no matter where they are. Feature-rich add-ons can also be added for extended functionality.

optional add-ons

NFC
(3 cm)

RFID
(40 ft)

BLE
(70 ft)

WiFi
(200 ft)

Cellular / LoRa
(Miles)

Full Operations Visibility

XTAG™ enables untethered asset tracking across your business operations. The IoT is ideal for remote, infrastructure-free geolocation and event detection; RFID readers for monitoring passage through key choke points; NFC smartphones for in-field transactions and authentication. XTAG™ harmonizes all these operational signals and seamlessly syncs them to the Cloud with unmatched battery life.

Remote Facilities (**active**)

In-transit (**passive**)

Service Facility Threshold
(**passive**)

Transact & Search
(**passive**)

API and SEENIQ Cloud Platform

XTAG™ is a flexible IoT device that can be integrated directly into your IT infrastructure through a manual API.

To speed time-to-market, Seeonic also provides a 2-tier Cloud platform service called SEENIQ. Tier 1 provides cellular connectivity and a secure VPN tunnel to your IT systems. Tier 2 adds a fully-managed device management and analytics solution. For more information about SEENIQ please contact us.

API Only		SEENIQ Tier 1		SEENIQ Tier 2	
Asset	**Cloud Connect**	**Secure Networking**	**Data Stream**	**Device Management**	**Business Analytics**
	• XTAG API	• Authentication • Virtual Private Cloud (VPC)	• Integrity • Load balancing	• Commissioning • Remote commands • Firmware upgrades	• Dashboards • Alerts • Visualizations • Prediction/ prescriptions

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