uGrokit ®
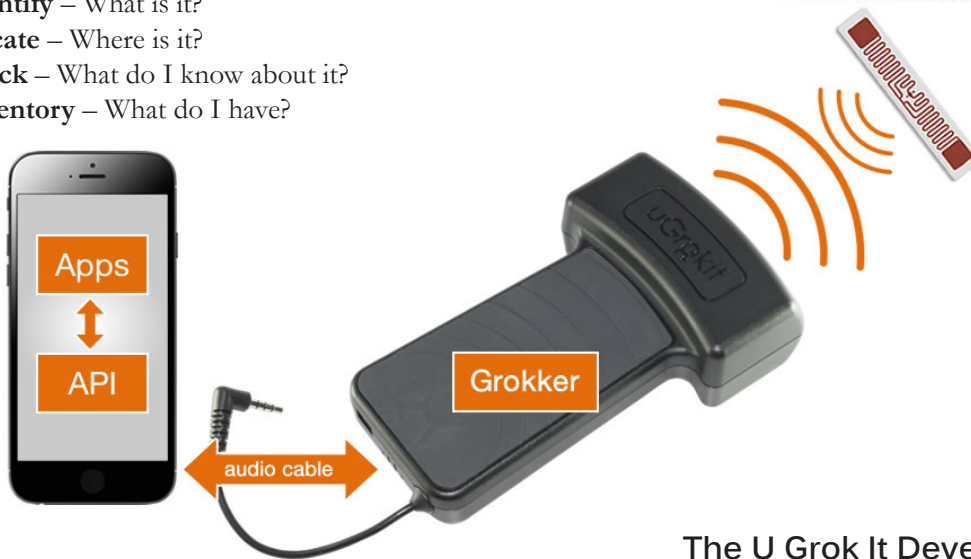## smartphone RFID ™

RFID is revolutionizing the supply chain. It is a powerful tool, especially when it can be used broadly in an organization. Until now, RFID use has been limited because of high system cost, industrial appearance and closed development.

U Grok It breaks this barrier with smartphone RFID that's sleek, attractive and economical. U Grok It works with smartphones and tablets that are already in your people's hands. Don't be content to keep RFID in the warehouse – now you can locate items on the sales floor, reduce loss and enhance the customer experience in the way that only RFID can do. And Small and Medium businesses now can take advantage of RFID with easy to use and affordable solutions.

U Grok It brings the power of UHF Gen 2 RFID to iOS and Android devices and Windows 8 tablets, with the same lightweight, cheap, battery-less tags being used in the supply chain. With a range of 6'-10' (2-3m), up to 25' (7m) in ideal conditions, use U Grok It to:

- **Identify** – What is it?
- **Locate** – Where is it?
- **Track** – What do I know about it?
- **Inventory** – What do I have?

Apps ↕ API

audio cable

Grokker

Specifications

Specifications	
Air Interface Protocol	UHF Class 1 Gen2 (ISO 18000-6C)
Operating Frequency	865-928MHz, customizable by region
Output Power	5-30 dBm (programmable)
Antenna Type	Proprietary
Read Range	6-10' (2-3m) general use, 25' (7m) optimal
Power	Rechargeable Li-Ion 1800mAh (1.5-2 hours active scanning) Uses standard Micro-B USB charger Full recharge: 2 hours (with 2.1 Amp supply)
Drop Spec	5' (1.5m) to concrete
Operating Temperature	14°F to 131°F (-10°C to 55°C)
Size	6" x 3.75" x 1.5" (153mm x 95mm x 38mm)
Weight	6oz (170g)
Host Interface	Proprietary, via audio port (compatible with lighting to audio port adapters)
Host Compatibility	iOS and Android phones & tablets, Windows 8 tablets
Software Development	iOS, Android, Windows 8, Xamarin and Cordova SDKs
Certification	United States (FCC), Canada (IC), European Union (CE), Australia, India

The U Grok It Development Platform

The U Grok It system development platform enables easy creation of native iOS, Android and Windows 8 apps with the benefits of UHF Gen 2 RFID:

- Uniquely identify and track
- Read and write all RAIN (UHF Gen 2) RFID tags
- Track attributes for tagged items
- Quickly locate specific items
- Efficiently inventory groups of items
- Expand RFID deployments and build new mobile RFID apps

RAIN RFID UHFGen2

iOS   ANDROID   Windows 8