

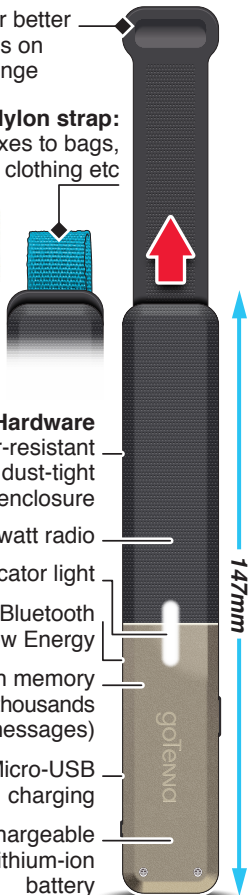
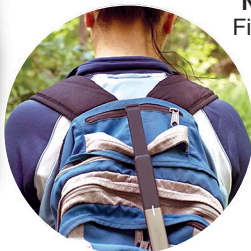
# New gadget allows network-free texting

If your mobile phone network goes down or is out of range, sending text messages is impossible. A new device, *goTenna*, uses low-frequency radio waves to create its own network, enabling users to exchange text messages without relying on cell towers

**Inspiration:** *Hurricane Sandy* wiped out 25% of U.S. cell phone towers in New York in 2012

**Antenna:** Extends for better connectivity. Operates on 151-154 MHz long-range radio waves

**Nylon strap:** Fixes to bags, clothing etc

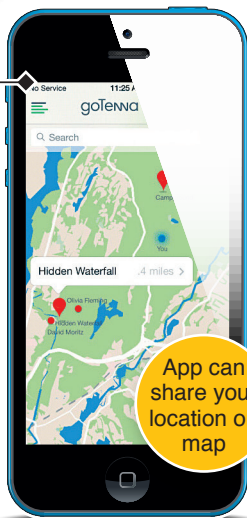


147mm

Price: **\$149.99\*** for two devices

**Free app**

- Write message using goTenna app
- Message sent to your goTenna by Bluetooth (must be within 7 metres of your smartphone)
- goTenna transmits message via radio waves
- Recipient's goTenna picks up message and sends it by Bluetooth to their smartphone



*iPhone 5c (to scale)*

App can share your location on map

**Hardware**  
Water-resistant and dust-tight enclosure

2-watt radio

Indicator light

Bluetooth Low Energy

Flash memory (stores thousands of messages)

Micro-USB charging

Rechargeable Lithium-ion battery

Weight: **56.7g**

**Range** (based on sender and recipient being in same environment)

**City street**

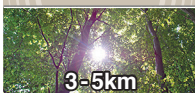
**Forest**

**Water**

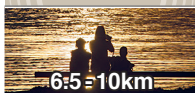
**Desert**



**1-2.5km**



**3-5km**



**6.5-10km**



**6.5-10km**