

smartDONGLE (iOS)

Part # 10000248

The SLS smartDONGLE Audio Port UHF RFID Reader is designed to read and write to C1G2 UHF transponders and communicate with a variety of host devices via the 3.5mm audio port. The RFID reader chipset is optimized for low power consumption while still providing excellent short-range performance in a small and convenient form factor.

The smartDONGLE is a perfect, low-cost way to RFID-enable your iOS devices to allow for short-range reading and encoding of RAIN RFID tags. Use in conjunction with the SLS smartEIT and smartREADER apps to allow for:

- Validating RAIN RFID tag encoded data (including SGTIN format)
- Associating tag Electronic Product Code (EPC) to an item stock number
- Encode (write) data to tag EPC memory bank
- Identify a specific EPC-encoded tag using ‘Tag Locate’ feature

Contact us to receive the smartRFID library and API which provides iOS® market app software developers the tools to create custom apps.

What's Included

- SLS smartDONGLE UHF RFID Audio Port Reader
- Micro USB Charging Cable
- Carrying Case

Technical Specifications

Air Interface Protocol: ISO 18000-63

Operating Frequency: US 902-928 MHz

Antenna Type: Integrated polarized

Max Read Distance: Up to 50cm (20 inches), Typical: 25cm (10 inches) – depending on RFID tag

Operating System: iOS

Data Interface: 3.5mm Audio Port

Power Source: 3.7 V Rechargeable battery (5V USB)

Typical Charge Life: 4 hours continuous

Dimensions: 48 mm x 42 mm x 15 mm (1.89 inch x 1.65 inch x 0.59 inch)

Weight: 35 grams (1.23 ounces)

IP Rating: IP 54

Operating Temperature: -20° to +60°C

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