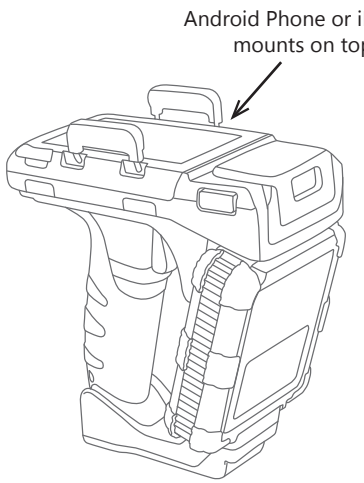
RFID Solutions
www.slsrfid.com

smartSLED™ Handheld for RFID/2D Barcode



smartSLED™ is the longest read range UHF RFID handheld sled reader in the world. It works with all Android phones or iPhones. It enables lightning fast inventory of items on pallets, warehouse shelves, moving vehicles, and other tagged items in business processes where fixed reader class performance is required in a portable device.

Applications

- Cold chain management
- Temperature data logging
- Food inspections
- Cold storage rooms
- Product authentication
- Quality control
- Evidence Tracking
- Cold chain transportation
- Temperature controlled pharmaceuticals
- Living organic materials
- Floral management
- Industrial composites and Chemicals tracking
- Data centers

Product Features

Excellent read range: >18 meters open space with DogBone Monza R6 tags. (H-2 Version)

Country specific versions in terms of frequency bands.

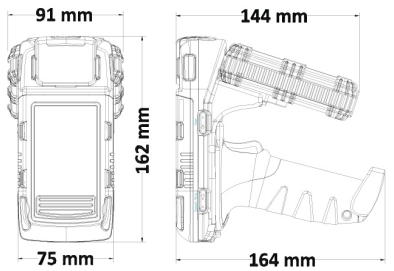
Choice of **vertically linear polarized, horizontally linear polarized or circular polarized.**

Ruggedized design: Drop Test 1.2 meters on 6 surfaces, IP54.

2D Barcode Scanner Module.

Worked with all Android Phones or iPhones.

Android API, iPhone API, Linux API, Windows API



Dimensions and Weight	Length: 161 mm (6.34 in); Width: 90 mm (3.54 in) Height: 161 mm (6.34 in); Weight: 595 g (without 2D Barcode Module)
Read Range	>18 meters outdoor and open area with SLS2490 Monza R6 tags from SLS
Protocol	ISO18000-63, EPC UHF Class 1 Gen 2, Dense Reader Mode available (Class 3 Gen 2 compliant)
Frequency Range	One of the following: 865-868 MHz, 865-867 MHz, 902-928 MHz, 922-928 MHz, 920-925 MHz, 915-922 MHz, 915-921 MHz
Tag Information	All banks, any sizes (e.g. 240 bits bank1, 512 bits bank3), Per 'Tag Read' RSSI value
Barcode Scanner	2D module option available
Antenna Polarization	Vertically linear / Horizontally linear / Circular polarized
Environment	Operating Temp: -20°C to 55°C (-4°F to 131°F) Storage Temp: -40°C to 75°C (-40°F to 167°F) Humidity: 5% to 95% Non-condensing
Ruggedized Design	Drop test 1.2 meters on 6 sides; IP54
Interfaces	Android Phone, iPhone, Windows PC, Linux PC
Battery Capacity	3,400 mAh Replaceable battery
Source Code Samples	Read / write tag. Tag inventory / ranging / search / authentication / association / commissioning. Barcode scanning, database manipulation, wireless network transfer, server side driver, etc.

Order Code **smartSLED V/H/C-N**

N=1: 865-868 MHz (Europe) & 865-867 MHz (India), N=2: 902-928 MHz (USA), N=4: 922-928 MHz (Taiwan), N=7: 920-925 MHz (China, Malaysia etc.), N=8: 915-922 MHz (Japan), N=9: 915-921 MHz (Europe Upper Band), for Hong Kong: CS108-V/H/C-2 OFCA, for Australia: CS108-V/H/C-2 AS, for New Zealand: CS108-V/H/C-2 NZ (V for vertically linear polarized, H for horizontally linear polarized, C for circular polarized)

Contact us at info@slsrfid.com or visit our website at www.slsrfid.com