



CS108 Sled Handheld for RFID/2D Barcode

Rugged spring-loaded phone clamp



Product Features

Read Range:

Best in Class Read Range:

- Up to 18 meters with Linear Polarized Antenna (tag and environment dependent)
- Up to 15 meters with Circular Polarized Antenna (tag and environment dependent)

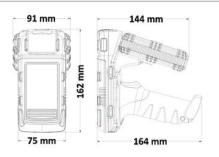
Country specific versions in terms of frequency bands.

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.

Works with all Android Phones or iPhones. Android API, iPhone API, Linux API, Windows API



CS108 is the best in class read range UHF RFID handheld sled reader in the market. It works with all Android phones, iPhones and Tablets. It enables 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. CS108 is used globally in many mission critical government, industrial and commercial applications.

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
Dimensions and Weight	Length: 161 mm (6.34 in); Width: 90 mm (3.54 in) Height: 161 mm (6.34 in); Weight: 639 g (without 2D Barcode Module)	
Read Range	Best in Class Read Range: - Up to 18 meters with Linear Polarized Antenna (tag and environment dependent) - Up to 15 meters with Circular Polarized Antenna (tag and environment dependent)	
Protocol	ISO18000-6C, 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, field replaceable Option : extra battery (CS108B); external charger (CS108C)	
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 for Frequency Regulations:

N=1: 865-868 MHz (Europe) & 865-867 MHz (India)

902-928 MHz, USA & Canada & Mexico only (hopping frequencies locked)

N=2 AS: for 920-926 MHz, Australia only (hopping frequencies locked)

N=2 NZ: for 921.5-928 MHz, New Zealand only (hopping frequencies locked)

N=2 OFCA: for 920-925 MHz, Hong Kong only (hopping frequencies locked)

N=2 RW: for 902-928 MHz, Rest of the World that are subset of this band: e.g. Philippine, Brazil, Peru,

Uruguay, Singapore, Thailand, etc.

922-928 MHz, Taiwan

N=7: 920-925 MHz, China, Malaysia, etc.

N=8: 916.7-920.9 MHz, Japan

915-921 MHz, Europe Upper Band (V for vertically linear polarized, H for horizontally linear polarized, C for circular polarized, -2D means with 2D Barcode option)

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