



CS108 Sled Handheld

for RFID/2D Barcode

RFID
SOLUTIONS

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CS108 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. CS108 is used globally in many mission critical government, industrial and commercial applications.

Applications

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

Product Features

Excellent read range: >18 meters open space with DogBone Monza R6 tags. (CS108-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 DogBone Monza R6 tags from Smartrac

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

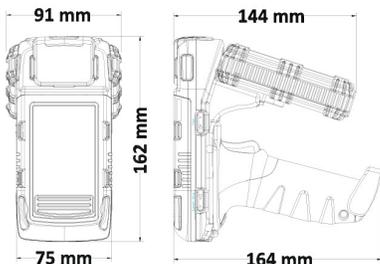
Environment Operating Temp: -20°C to 55°C (-4°F to 131°F)
Storage Temp: -40°C to 75°C (-40°F to 167°F)
Humidity: 5% to 95% Non-condensing

Ruggedized Design Drop test 1.2 meters on 6 sides; IP54

Interfaces Android Phone, iPhone, Windows PC, Linux PC

Battery Capacity 3,400 mAh
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 CS108-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@rfidsolutionsinc.com or visit our website at www.rfidsolutionsinc.com