



CS108 Sled Handheld for RFID/2D Barcode



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		

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)
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Read Range	>18 meters outdoor and open area with DogBone Monza R6 tags from Smartrac
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Protocol	ISO18000-6C, EPC UHF Class 1 Gen 2, Dense Reader Mode available (Class 3 Gen 2 compliant)
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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
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Tag Information	All banks, any sizes (e.g. 240 bits bank1, 512 bits bank3), Per 'Tag Read' RSSI value
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Barcode Scanner	2D module option available
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Antenna Polarization	Vertically linear / Horizontally linear / Circular polarized
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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
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Ruggedized Design	Drop test 1.2 meters on 6 sides; IP54
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Interfaces	Android Phone, iPhone, Windows PC, Linux PC
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Battery Capacity	3,400 mAh Replaceable battery
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Source Code Samples	Read / write tag. Tag inventory / ranging / search / authentication / association / commissioning. Barcode scanning, database manipulation, wireless network transfer, server side driver, etc.
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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)
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Contact us at info@convergence.com.hk or visit our website at www.convergence.com.hk

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

