



CONVERGENCE
SYSTEMS LIMITED

UHF RFID SLED HANDHELD READER

CS710S HANDHELD
READER

RETAIL INVENTORY
WAREHOUSE SHELVES

CS710S handheld sled reader incorporates the latest E710 high performance RFID IC from Impinj. The reader boasts 10 dB higher sensitivity than previous generation R2000 based handhelds, and reads 1,300+ tags per second, while working with a Bluetooth 5.0 mobile device. These new capabilities combining to give the CS710S handheld sled reader paradigm changing performance in warehouse and retail shop inventory.

Rugged spring-loaded
phone clamp



PRODUCT FEATURES:

Read Range:

Best in class read range:

- Read rate: 1,300+ tags a second.
- 20+ Meter Read Rate range.

Country specific versions in terms of frequency bands

Choice of:

- Vertically linear polarized
- Horizontally linear polarized -
- Circular polarized.

Ruggedized design

Drop test 1.2 meters on 6
surfaces, IP54 rated

2d Barcode Scanner Scanner Module

Works with all Android Phones or iPhones

Android API, iPhone API,
Linux API, Windows API

GitHub

Get code for your OS of choice
github.com/cslrfid

Read RFID tags and
barcodes with one device.

Advanced on-device
tag filtering

Mounting options for
tablets or thick
enterprise devices.

Compatible with devices
running bluetooth 5.x

Sensor Tag Management
Advanced IOT API's



IMPINJ
CONNECTED



DEMO APP download

www.convergence.com.hk

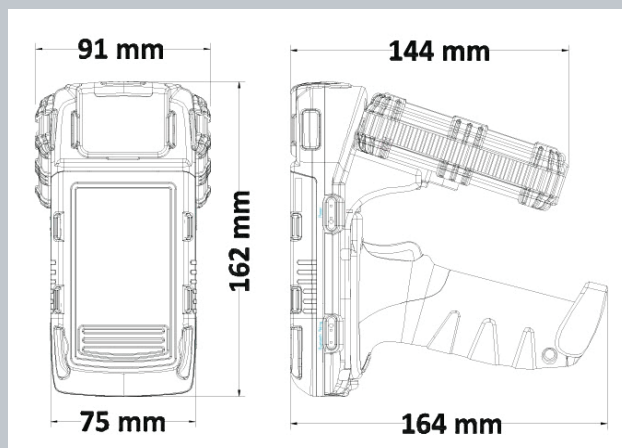
1 (808) 205-0321
Sales & Support, America



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CS710S HANDHELD READER



Order Code for Frequency Regulations: CS710S-**V/H/C**-**2D**-**N**

N=1	Europe & India
N=2	USA, Canada & Mexico only
N=2 AS	Australia only
N=2 NZ	New Zealand only
N=2 OFCA	Hong Kong only
N=2 RW	Rest of the world e.g. Philippines, Brazil, Peru, Uruguay, etc.
N=2 SG	Singapore only
N=2 TH	Thailand only
N=4	Taiwan only
N=6	Korea only
N=7	China, Indonesia, Malaysia, etc.
N=8	Japan only
N=9	Europe Upper Band

(**V** for vertically linear polarized, **H** for horizontally linear polarized, **C** for circular polarized, **2D** means with 2D Barcode option)

Applications

Cold Chain Management
Temperature Data Logging
Food Inspections
Cold Storage Rooms

Product Authentication
Quality Control
Evidence Tracking
Cold Chain Transportation
Temperature Controlled

Industrial Composites & Chemical tracking
Floral Management
Pharmaceuticals
Living Organic Materials
Data Centers

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

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).

Best in Class Read Range:

20+ meters with Linear Polarized Antenna

(tag and environment dependent)

15+ meters with Circular Polarized Antenna

(tag and environment dependent)

Read Range

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)

Ruggedized Design

Drop test 1.2 meters on the six 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

Sensitivity

-88 dBm

Read Rate

1,300+ Tags/second

Connectivity

Bluetooth 5.0