R2

UHF Swing Reader

Bluetooth	1D Barcode	2D Barcode	UHF

Chainway R2 is a newly-developed handheld data collection device with stylish design and incredible performance. It delivers superior UHF reading and writing, barcode scanning, transmits data to the data center via Bluetooth with ease. It can complete tasks in inventory management, asset management, and inspection etc.

Specification

Physical Characteristics

Dimensions	275x117.5x48.5mm
Weight	324g/ 11.43oz (with battery)
Colour	White
Appearance material	Plastic
Keypad	PWR button (side), up, down, return, ok, SCAN button (front)
Battery specification	5200mAh 4.35V
Display	1.77 inch, 128X160
Indicator LED	Power, Work, Bluetooth
buzzer	Support
Interfaces	Micro-USB

Performance

MCU	Cortex-M3
	72MHz
RAM+ROM	64M+4G

User Environment

Operating Temp.	-20℃~+50℃
Storage Temp.	-40℃~+70℃
Humidity	5%RH - 95%RH non condensing

Communication

Bluetooth	Bluetooth 4.0, BLE

Data Collection

Barcode Scanning (Optional)

2D Imager Scanner	SE2707
1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

UHF

Antenna	Linear Polarized antenna (4dBi)
Frequency	920-925MHz/902-928MHz/865-868MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Module power	1W (30dBm, support +5~+30dBm adjustable)
R/W range	>28m(indoors);>12m(open outdoors)
Reading rate	>200tags/s

* Ranges and rates depend on tags and environment