

CHAINWAY



C4000 UHF

UHF RFID Reader



Android



3G



WiFi



Bluetooth



1D Barcode



2D Barcode



UHF



Fingerprint



PSAM



GPS

Chainway's C4000UHF mobile computer provides superb UHF RFID capability. It is designed to support EPC C1 GEN2 / ISO18000-6C protocol, and equipped with class leading R2000 UHF module or cost-effective UHF module. Enterprises can deploy this single device in many areas, including asset management, retail, warehouse management, fleet management, etc.



Specification

Physical Characteristics	
Dimensions	192mm x 87mm x 151mm/ 7.56 x 3.43 x 5.94in
Weight	456g/ 16.08oz
Display	4" WVGA (480*800), 16.7M colors
Touch Panel	Rugged capacitive touch panel
Power	Main battery: Li-ion, 3200mAh Pistol battery: Li-ion, 5200mAh
Expansion Slot	1 PSAM, 1 SIM, 1 MicroSD(TF) slot
Interfaces	USB Micro-B
Audio	0.5W speaker, build-in microphone
Keypad	4 TP soft keys
Sensors	Light sensor, proximity sensor
Performance	
CPU	Cortex-A7 1.3GHz quad-core
RAM+ROM	1GB+4GB
Expansion	Supports up to 32GB Micro SD card
Developing Environment	
Operating System	Android 4.4.2
SDK	Chainway Software Development Kit
Language	Java
Tool	Eclipse / Android Studio
User Environment	
Operating Temp.	-4°F to 122°F / -20°C to 50°C
Storage Temp.	-40°F to 158°F / -40°C to 70°C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.2m drops to concrete across the operating temperature range
Tumble Specification	1000 x 0.5m/1.64ft falls at room temperature
Sealing	Host IP64
Communication	
WLAN	IEEE802.11 b/g/n
WWAN	GSM/GPRS/EDGE Quad Band (850/900/1800/1900MHz) WCDMA (850/1900/2100MHz)
Bluetooth	Bluetooth 4.0
GNSS (Optional)	GPS, AGPS

Barcode Scanning (Optional)	
1D Linear Scanner	
1D Scan Engine	Honeywell N4313/ Zebra SE965
Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Imager Scanner	
2D CMOS Laser Scanner	Zebra SE4750 / Zebra SE4750MR
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.
RFID	
UHF	
Frequency	865MHz-868MHz / 920-925MHz / 902-928MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Linear polarization (1.8dBi); circular polarization (4dBi)
Power	1W (30dBm, +5dBm to +30dBm adjustable)
R/W range	>4.5m (linear polarization); >8m (circular polarization)
Reading rate	>200 tags/s (circular polarization)
* Range and rate depend on tags and environment	
Fingerprint (Optional)	
Functions	Fingerprint enrollment, match, storage etc.
Sensor	TCS1 / TCS2SS (Capacitive)
Image Size (pixel)	TCS1: 256×360; TCS2SS: 208×288
Sensing Area (mm)	TCS1: 12.8×18; TCS2SS: 10.4×14.4
Resolution (dpi)	508
Standard	TCS1: FIPS, STQC; TCS2SS: ISO
PSAM (Optional)	
Slots	2 PSAM slots (maximum)
Protocol	ISO7816

Accessories



AC Adapter



Snap-on



USB cable



Cradle



Pistol



Fingerprint (Optional)



Carrying case (Optional)

Notice: Product specifications are subject to change without prior notice. / Model: C4000 UHF / Update Date: 2017-12-29

CHAINWAY®

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