

# NFC & UHF Gen 2 Portable Reader Writer



## Overview:

Powerful multi-function RFID reader that supports both HF/NFC technologies, and UHF/EPC technology.

## Application Usage:

Can be successfully deployed for field service, warehouses, supply-chain, quality assurance, asset tracking, retail POS inventory control and more.

## Specifications:

### Performance Characteristics

Processor	Octa core 2.0 GHz
OS	Android 6.0.1
Memory	2GB LPDDR3
Storage	32GB internal eMMC
Display	4" IPS WVGA TFT-LCD
Operating Range	-20°C ~ 70°C (-4°F ~ 158°F)
Storage Range	-30°C ~ 80°C (-22°F ~ 176°F)
Durability	1.5 meters (5ft) to concrete IP65 dust & waterproof

### Physical Characteristics

I/O Ports	1 Micro USB OTG
Expansion	Via 2 port USB Host; 1 UART (RS232) 1 USB client
Audio	Phone, Speaker, 3.5mm, Mic
Dimensions	L 133mm x W 216mm x H 23mm 5.24in x 8.5in x 0.9in

### Data Capture

Barcode Engine	SE-4710 2D Imager
Camera	8MP Auto Focusing with flash

### Network Characteristics

Wireless	IEEE 802.11 ac/a/b/g/n
Bluetooth	v4.1+EDR
GPS	Internal
Cellular	GSM, GPRS, EDGE, UMTS, HSDPA+

### NFC Reader / Writer

Protocol Support	ISO 1443 A/B, MIFARE ISO 15693
Tag Read Range	0~10cm (up to 4 inches)

### UHF EPC Gen 2 Reader / Writer

Frequency	865~867.5 MHz - EU 902~928 MHz - FCC
Read Range	0~40 meters (131ft)
Write Range	0~10 meters (32 ft)
RF Output	0.1mW~4W EIRP
Protocol Support	ISO/IEC 18000-6C

### Power Supply

Main Battery	6800 mA (Rechargeable)
Power Adapter	5V/2A Micro USB

## Accessories:

Leather Case, Handstrap, USB Charger, USB Cable  
Optional Cradle; Charger, Ethernet, USB