

VH-H83**UHF RFID Handheld Reader****Product Features:**

- **Industry-leading flagship octa-core CPU runs at high speed, with a main frequency of 2.0GHz:**

High-speed octa-core CPU, based on TSMC's leading 12nm process technology, has advanced functions and excellent performance experience, and runs various applications at high speed.

- **A new generation of self-developed high-performance quadrifilar helical antenna:**

Based on the high-performance VM-R61E module of Impinj E710 chip and equipped with self-developed four-arm helical antenna, it has excellent RFID long-distance reading performance, and the reading distance in an open outdoor environment can reach up to 20 meters, which exceeds the current industry level by more than 40%.

- **Excellent RFID reading and writing performance and multi-tag inventory capabilities:**

Supports multi-tag reading, with a multi-tag reading rate of 950Tag/s, and 2000 tags can be read in about 10S (tested using impinjH47, actual reading may be affected by tags and environment)

- **909000mAh large-capacity polymer lithium battery, long-lasting battery life:**

Built-in 9000mAh large-capacity polymer lithium battery and equipped with CorePilot4.0 power-saving technology, low power consumption, can work for more than 14 hours on a single full charge.

- **Efficient QR code scanning engine/Type-c data interface:**

The device integrates a high-precision QR code scanning engine, which can quickly and accurately capture various damaged barcodes, bent barcodes, screen codes, etc. Using the Type-c interface, data transmission and fast charging are all done in one step.

● Application Areas:

It is widely used in file management, jewelry inventory, clothing management, laundry industry linen inventory, state power grid, military industry, auto parts, asset management, high-rise shelf inventory, railway and other industries.

Parameter:

Model	VH-H83
Performance Index	
Processor	High-speed octa-core 64-bit 2.0GHz
System	Android 10.0
Expansion	Support 256GB MICRO SD card
NFC (optional)	Frequency 13.56MHz Read and write distance 3-5cm
Battery	3.8V, 9000mAh polymer lithium battery, removable
Storage	2GB RAM+16GB ROM (standard) / 4GB RAM+64GB ROM (standard)
Wireless communication	4GB full network, 2.4G/5G dual-band WIFI, Bluetooth 4.0
Camera	Front camera (optional) 500W pixels, rear camera 1300W, auto focus, with flash
Dimensions	166*79*31±2mm 5.5" IPS HD screen (resolution 1440*720)
Expansion card slot	1 SIM card slot, support dual SIM dual standby (optional); 1 SD card slot, 1 PSAM card slot (optional)
Navigation positioning	GPS (AGPS)/Beidou/GLONSS, error ±5M
Interface	Type-C data interface
Protection	Host IP65 protection grade standard
Weight	About 630 grams (including battery, shield, etc.)

Barcode (optional)	collection	Professional scanning head, support QR code; Newland NLS CM60/other
RFID		
RFID-UHF (optional)		Supported frequencies: 915MHz, 865MHz; Reading distance: 0-20 meters (depending on the tag and environment)
RFID-HF (optional)		Supported frequencies: 13.56MHz Reading distance: 0-7 cm (depending on the tag and environment)
RFID-LF (optional)		125K/134.2K animal ear tags

Usage Environment

Operating temperature	-20°C ~ 50°C
Storage temperature	-20°C ~ 70°C
Relative humidity	5% ~ 95% non-condensing

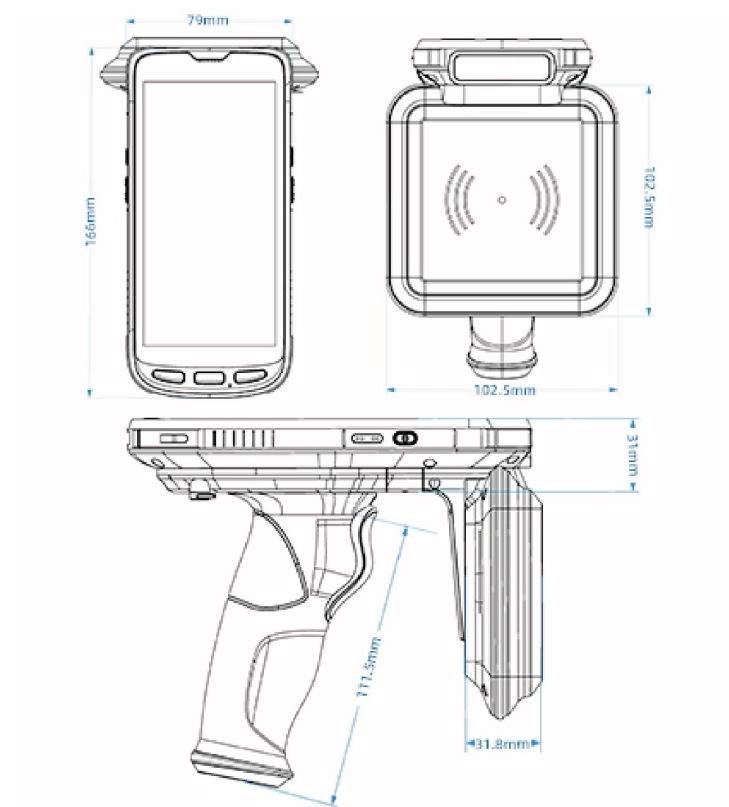
Custom expansion (optional)

433MHz, infrared temperature measurement, vibration measurement, precise positioning and other modules

Six views of the product:



Size:



Package:

