

UHF RFID Bluetooth reader sled VH-88Pro



Product Features:

VH-88Pro is a ergonomic design UHF RFID Bluetooth reader launched by VANCH. The stylish and efficient Bluetooth communications handheld reader reads and write device. Function, based on the application of the IMPINJ E710 chip, the label reading distance is more than 30 meters in an open environment, the maximum group reading speed of 900 pcs tags/s, the local label storage capacity is more than 50,000, supporting high -speed Bluetooth communication data transmission, which can be selected at the same time high Performance barcode functions, widely used in application scanning inventory of cloth grass washing, shoes and clothing retail;;

1. New design of the appearance structure of the product, continuing the classics, and using precision mold injection molding
2. High -gain UHF antenna, stronger group reading with long distance reading;
3. 6800 mAh large -capacity lithium -ion batteries, exempting work endurance anxiety;
4. High -speed Bluetooth Communication, PDA, smart phones, computer and other online use reduced project implementation costs;
5. Reading status A variety of prompts (OLED display, LED indicators, bee twitters);
6. 1D/2D barcode scan, UHF ultra -high -frequency read and write and other functions;
7. 1.3 inch OLED screen, display the machine settings and read and write job information;
8. Provide DLL development files based on Android and Apple iOS platforms;



蓝牙



一维条码



二维条码



超高频



Parameter:

Model	VH-88pro
Data collection	
UHF RFID IC	VANCH VM-61E (E710)
Frequency	920-925MHz, 865-868MHz, 902-928MHz (It can be adjusted with different countries or regions)
Protocol	ISO 18000-6C/EPC C1 GEN2
Frequency adjustment method	Frequency frequency or fixed frequency, software settings
Output RF power	VM-61E module, 1W (30dbm, support +5 ~ +30dbm adjustable) Optional 2W (33dbm, for Latin American, etc.)
Reading distance	Impinj E710 IC: 26m (Impinj MR6 tag, size 70 x 15mm) 27m (Impinj M750 tag, size 70 x 15mm) 31m (Alian H3 tag, size 130 x 42mm)
Multi tag reading	It can reach 900 TAGS/s, (with AZ9662 as a reference)
*	The above card reading is measured in an interference environment in the outdoor emptiness, and the group reading rate is low in the laboratory Testing in the environment, the actual usage is related to the environment and label
Antenna	High -gain PCB antenna
Newland M1 (2D barcode engine)	Support support one -dimensional barcode type, support two -dimensional barcode types

Zebra (2D barcode engine)	Support support one -dimensional barcode type, support two -dimensional barcode types
Communication	
Bluetooth	BLE 5.1
Interface	Type-C
Electrical parameter	
Display	1.3 寸 White OLED
Button	A total of 6 scanned keys, power keys, menu keys, etc.
Storage memory (NAND FLSAH)	128MB or 512MB (optional)
Tag storage capacity (SRAM)	30,000 or 60,000 (optional) data cache
Card Reading Tips	Bee Narrator, LED
Battery specification	Lithium battery (3.7V, 6800mAh) removable
Charger	Input power: AC100 ~ 240V, 50 ~ 60Hz Output power: adaptive fast charge protocol 12V, 2.0A/buffer 2 hours
Physical parameters	
shell material	ABS+Gragon
color	Milky
size	280 (long)*140 (width)*34 (height) mm
weight	Up to 320g (including battery)
Use environment	
Humidity	5% to 95%, Non -condensation
Protection level	IEC IP65
Operating temperature	-20 °C to +60°C
storage temperature	-25°C to +75°C
Static Protection	± 15kv air discharge, ± 8kv contact discharge
Development environment	
SDK	Support Android / IOS

Development language	Java / Objective-C
Development tools	Android Studio / Xcode
appendix	
Standard	Can recharge lithium batteries, portable charging heads, USB charging cable and data cable

Product Exterior:

