SHARK

Smart Omni Mobile Scanner

Model Name : SHARK-RF

The SHARK-RF Scanner provides enterprise UHF RFID reading technology, whenever and wherever you need it

Simply, easily and cost-effectively. Just pair this Bluetooth & USB with your mobile device and attach the mobile device to the SHARK-RF

For a single-handed RFID + Barcode reader solution.

Style – Comfort – Flexibility – Performance – Battery life everyone can appreciate

⚙ PHYSICAL SPEC

Dimensions Gun-Type	13cm(H) x 8cm(W) x 22cm(L)
Weight	RFID Gun Type : 380g
Battery	Gun : 2600mA(Change/Rechargeable) Main : 3000mA(Only Rechargeable)
Connection With phone	USB or Bluetooth

🔊 RFID Performance

Standards Supported	EPC Class 1 Gen2
RFID Engine	Impinj R2000
Read Rate	150+ tags/sec
Read Range	5~6m (Multi tag) / 20+ ft.
RF Power	5~30dBm(1watt)
Batch Reading Data	RFID : Store 30,000+ Barcode : Store 70,000+

✖ USER ENVIRONMENT

Drop Spec	1.5m drops to concrete
Operating Temp.	-10℃ to 60℃
Storage Temp.	-30℃ to 80℃
Humidity	5~70% non-condensing
Sealing	IP53
Display	1.3″ inch OLED LCD
Charger	Wireless charging with Cradle
LED Status	Status of charging/Data/Bluetooth

📱 COMMUNICATION

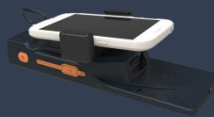|	
Bluetooth	Bluetooth Version 2.1 or 4.0
USB	USB 2.0 Virtual com port
HID	Keyboard Edge Mode

SHARK-RF 다양한 형태

RFID (GUN)

RFID (W/O Gun)

At the same time charging Scanner & Phone

Wireless Charger Cradle

RFID

HID

Component of SHARK–RF

PATENT OF KOREA

No.	Component
1	RFID Key (Hot Key)
2	RFID Key (Hot Key)
3	Gun trigger
4	Display Panel
5	Power Button
6	Battery Charging LED
7	Bluetooth Paring LED
8	Data Communication LED
9	HID Communication For Charge Phone & Scanner
10	Smart Phone or Tab (~8inch)
11	RFID Antenna
12	Wireless Charger
13	Wireless Charger Cradle
14	Smartphone Holder

Android Demo Application