T-30

UHF RFID Sled Reader

RODINBELL

1. Advantages

Top Class Materials
CNC aluminum, PC+ABS (SABIC) body offer excellent strength + heat dissipation + electromagnetic shielding features. Soft material around the handle offers a comfortable grip.

Bluetooth 5.0
Supports Bluetooth 5.0, faster transmission speed and longer connection distance.

Super stable fixed design of external equipment
The design of ultra-high stability mechanical knob is adopted to break the routine and ensure the high reliability of external equipment fixation.

High-end UHF RFID Engine
Equipped with self-developed Rodinbell M-2600 module based on Impinj R2000 chip, offering the best performance and excellent multi-tag identification ability in the industry.

Outstanding Industrial Design
The appearance is compact,elegant and balanced, which makes the product eye-catching and impressive.

Excellent Mechanical Protection
Safety drop height 1.2m. With IP64 protection grade to resist dusts and splashes effectively.

Industrial-grade components + super long life cycle
Industrial-grade and military-grade components ensure stable operation in harsh environments. Over ten years of supply can be offered, which provides guarantee for the long term projects.

Ultra Long Operating Time
Pistol style hot-swappable battery system makes backup battery more convenient to be restored, so that the operating time is unlimited.(extra batteries are available)

2. Product View

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3. Electrical Parameters

Mechanical parameters

Materials	CNC aluminum, PC + ABS (SABIC)
Dimensions	162*138*78mm
Weight	520g
	(battery included/standard version)

System Characteristics

Hotswapping Battery Buttons	Pistol style hotswapping battery system
Power	3 ALPS buttons/ Operating force 2.5N / Operating life 1 million cycles
Scan Trigger	OMRON button / Operating force 1.27N/ Operating life 10 million cycles
Power	6,000mAh chargeable li-polymer battery
USB Interface	USB TYPE C/Operating life 10,000 cycles
Audio	Large speaker stereo system
Charge Indicator	Bicolor LED

Application Environment

Operating Temp	-20°- +60°
Storage Temp	-30°- +70°
Humidity	5%RH - 95%RH (non -condensing)
Protection Grade	IP64
Safety Drop Height	1.2m

Wireless Communications

Bluetooth	Bluetooth 5.0

Data Collections

1D Barcode Engine (Optional✓)	Motorola EM1350
Support	UPC/EA Symbol SE955N/Code128/ Code39/Code93/Code11/ Interleaved 2 of 5/ Discrete 2 of 5/ Chinese 2 of 5/Codabar/MSI/ RSS.etc.
2D Barcode Engine (Optional✓)	Zebra SE4750, NLS EM3396, EM3296
Support	Data matrix / QR Code / PDF417 / US Planet / UK Postal, etc.
UHF RFID Engine	Rodinbell M-2670-Air module based on Impinj Indy R2000 chip
Buzzer	Ø 12*9.5mm / 2300±300Hz
Protocol	EPC Global UHF Class 1 Gen 2 / ISO 18000-6C / ISO 18000-6B
Frequency	902-928MHz , 865- 868MHz (Optional✓)
Output Power	0~33dBm
Peak Inventory Speed	> 500 tags /s
UHF Antenna	4dBi air dielectric antenna
Read Distance	> 10m
Supported Regions	US, Canada and other regions following US FCC Europe and other regions following ETSI EN 302 208 China, Korea, Malaysia

Accessories

Battery | Desktop charger (Optional✓) | Charger and Data cable | Hanging Lace