

Handheld RFID Reader

1862

Model:1862

Features :

- 5m RFID reading range, 1.5m RFID writing range
- Bluetooth V4.0 for pairing with user's mobile devices.
- IP64 water/dust resistant and 1.5M drop resistant
- Easy configuration with powerful and value-added software



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Performance	CPU	ARM Cortex-M3 32 bit
	Memory	4 MB
	Operating power	Rechargeable 3.7V 2500 mAh Li-ion battery
	Working hours ¹	8 hours
	Alert	Tri-color LEDs (red / blue / green), vibrator, beeper
Physical characteristics	Keys	2 function keys, 1 trigger key, 1 toggle switch
	Dimensions (L x W x H)	163.5 x 85.7 x 146.5 mm
	Weight (w/ battery)	520 g / 18.3 oz.
Communication interface	WPAN	Bluetooth® V4.0 dual mode (2.1 + EDR / BLE)
	Bluetooth® profile	SPP Slave, Master, HID
	USB	Virtual COM
RFID data capture	Frequency	UHF : 865 ~ 868 MHz / 902 ~ 928 MHz
	Read / Write range ²	Up to 5 m (16.5 ft.) / Up to 1.5 m (4.9 ft.)
	Antenna type	Internal antenna
	Support tags	EPCglobal UHF Gen 2, ISO 18000-6c
	Max. output power ³	30 dBm
User environment	Operating temperature	-10 °C to 50 °C / 14 °F to 122 °F
	Storage temperature (w/o battery)	-30 °C to 70 °C / -22 °F to 158 °F
	Humidity (non-condensed)	Storage 5% to 95% / Operating 10% to 90%
	Impact resistance	Multiple 1.5m / 5 ft. drops onto concrete, 5 drops on each side / 1,000 tumbles at 1 m (3.3 ft.) / IP64
	Electrostatic discharge	± 15kV air discharge / ± 8kV direct discharge
	EMC regulation	CE, FCC, NCC
Configuration	Can be configured through PC, Windows® mobile computers, CipherLab terminals, and a .NET SDK (CE, Mobile) via 1860 Configurator.	

1. Based on one scan per five seconds at 1-meter distance.

2. Actual read / write range is dependent upon a number of factors, including the specific tag used, nature of the items tagged, and presence or absence of radio interference.

3. Output power varies to be in line with local regulations.