1861

Handheld RFID Reader

		1861
Performance	CPU	ARM Cortex-M3 32 bit
	Memory	4 MB
	Operating power	Rechargeable 3.7V 2500 mAh Li-ion battery
	Working hours[1]	10 hours
	Alert	Tri-color LEDs (red / blue / green), vibrator, beeper
Communication interface	WPAN	*Bluetooth*® V2.1 + EDR class 2
	Bluetooth® profile	SPP Slave, Master, HID
	USB	Virtual COM
RFID data capture	Frequency	UHF : 865 ~ 868 MHz / 902 ~ 928 MHz
	Max. read / write range[2]	1 m (3.3 ft.) / 0.5 m (1.6 ft.)
	Antenna type	Internal antenna
	Support tags	EPCglobal UHF Gen 2, ISO 18000-6c
	Max. output power	24 dBm
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 (including battery)	520 g / 18.3 oz.
User environment	Operating temperature	-10 °C to 50 °C / 14 °F to 122 °F
	Storage temperature	-30 °C to 70 ºC / -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
Configuration		Can be configured through PC, Windows® mobile computers, CipherLab terminals, and a .NET SDK (CE, Mobile) via 1861 Configurator.
Accessories		3610 *Bluetooth*® transponder, micro USB cable, battery charger, 2 battery packs, CipherLab 9600/ CP50/ Universal and other custom mobile computer mounts on demand.
Warranty		1 year

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.

ACCESSORIES

Battery Charger

CipherLab 9600
Mobile Computer Mount

CipherLab CP50
Mobile Computer Mount

3610 *Bluetooth*® Transponder

CIPHER LAB
Smarter

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