



1860 series

Handheld RFID Reader



		1861	1862
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	8 hours
	Alert	Tri-color LEDs (red / blue / green), vibrator, beeper	
Communication interface	WPAN	Bluetooth® V2.1 + EDR class 2	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 1 m (3.3 ft.) / Up to 0.5 m (1.6 ft.)	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	24 dBm	30 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 (w/ battery)	520 g / 18.3 oz.	
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, RoHS, REACH, WEEE, ErP, FCC, NCC, SRRC, JRL, RCM(AU)	CE, RoHS, REACH, WEEE, ErP, FCC, NCC
Configuration		Can be configured through PC, Windows® mobile computers, CipherLab terminals, and a .NET SDK (CE, Mobile) via 1860 Configurator.	
Accessories		3610 Bluetooth® transponder, micro USB cable, battery charger, 2 battery packs, CipherLab CP55/ CP50/ 9600/ 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.
3. Output power varies to be in line with local regulations.



ACCESSORIES					
	Battery Charger	CipherLab 9600 Mobile Computer Mount	CipherLab CP50 / CP55 Mobile Computer Mount	Universal Mount (clamp arm width: 35 ~ 80mm)	3610 Bluetooth® Transponder



HEADQUARTERS
CipherLab Co., Ltd.
 12F, 333 Dunhua S. Rd., Sec.2
 Taipei, Taiwan 10669
 Tel +886 2 8647 1166
 Fax +886 2 8732 3300
 www.cipherlab.com

CipherLab Electronics Trading (Shanghai) Co., Ltd.
 J Room, 4F, No.728 West Yan'an Rd.
 Changning District, Shanghai
 China 200050
 Tel +86 21 3368 0288
 Toll Free 400 920 0285
 Fax +86 21 3368 0286

CipherLab USA Inc.
 2552 Summit Avenue STE 400
 Plano, Texas, USA 75074
 Tel +1 469 241 9779
 Toll Free 888 300 9779
 Fax +1 469 241 0697