

# 1660 series scanner



		1660	1661
RF Communication	Module	Bluetooth Class 3 (2.4 GHz) Version 2.0	
	Converage	10 m / 33 ft. line of sight	
	Standard profile	SPP, HID	
Performance	Category	Bluetooth linear imager scanner	
	Optical sensor	2500 pixels	
	Light source	Red LED 625 nm	
	Resolution	3 mil	
	Depth of field (depends on barcode resolution)	3.5 to 38 cm / 1.4 to 15 in.	
	Scanning angle	Pitch $\pm 70^\circ$ Skew $\pm 70^\circ$	
	PCS	Minimum 30%	
	Scan rate	100 scans/second	
	Barcodes supported	Codabar, Code 39, Code 93, Code 128, GS1 DataBar (RSS), Industrial 2 of 5, Interleave 2 of 5, Italian and French Pharmacodes, ISBT-128, Matrix 2 of 5, MSI, Plessey, Telepen, UPC / EAN / GS1-128, and more	
	Programmable features	Data editing, interface selection, symbology configuration	
Language support	US and UK English, French, Italian, Belgian, Norwegian, Swedish, Spanish, Portuguese, German		
Physical	Weight (including battery)	50 g / 1.76 oz.	69 g / 2.43 oz.
	Size LxWxH	9.5 x 3.5 x 2 cm / 3.7 x 1.4 x 0.8 in.	
	Color	Grey	
	Switch	Push-button switch, plus [Delete] key	
	Memory	256K	512K
Electrical	Working hours	30 hours based on 1 scan / 5 seconds	40 hours based on 1 scan / 5 seconds
	Power Supply	Two AAA batteries	Li-ion 3.7V, 850 mAh
	Power consumption Standby/Operating	15 mA / 245 mA @ 3V	17 mA / 190 mA @ 3.7V
User Environment	Temperature	Operating: 0 °C to 50°C / 32°F to 122°F Storage: -20°C to 60°C / -4°F to 140°F	
	Humidity	Operating: 10% to 90% Storage: 5% to 95%	
	Impact resistance	-	90 cm / 3.0 ft. multiple drops onto concrete
	Electrostatic discharge	$\pm 8$ kV contact $\pm 15$ kV air	
	EMC regulation	BSMI, CE, C-tick, FCC, MIC, NCC, IC, TELEC, SRMC	
Configuration	Setup options include Windows®-based ScanMaster software (included)		
Accessories		3610 Bluetooth Transponder	3610 Bluetooth Transponder, Micro USB cable, and battery charger
	Warranty	1 year	

Internationally recognized quality and service

- ▶ **Gold Mobile Star Award, 1660 Bluetooth scanner**  
from MobileVillage, North America, 2009
- ▶ **Mobile/Wireless Product Innovation of the Year**  
from Network Products Guide, North America, 2008
- ▶ **In-store Handheld Automation Product Innovation of the Year**  
from Frost & Sullivan (industry analysts), North America, 2007
- ▶ **One of Top 3 Scanner Manufacturers Worldwide**  
by Venture Development Corporation (industry analysts), USA, 2006



3610 Bluetooth Transponder

Battery Charger

©2011 CipherLab Co., Ltd. All specifications are subject to change without notice. All rights reserved. All brand, product and service, and trademark names are the property of their registered owners.



**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 China**  
J Room, 4F, No.728 West Yan'an  
Road., Changning District, Shanghai  
China 200050  
Tel +86 21 3368 0287  
Fax +86 21 3368 0286

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

**CipherLab Central Europe**  
Willicher Damm 143-145  
41066 Mönchengladbach  
Germany  
Tel +49 2161 56230 0  
Fax +49 2161 56230 22