

# 1600 series

## Pocket-sized Scanner



	1660	1661	1662	1664	
RF Communication	Module	Bluetooth® Class 3 ( 2.4 GHz ) Version 2.0		Bluetooth® Class 2 ( 2.4 GHz ) Version 2.1+EDR	
	Coverage	10 m / 33 ft. line of sight		20 m / 66 ft. line of sight	
	Standard profile	SPP, HID			
Performance	Category	Bluetooth® linear imager scanner	Bluetooth® laser scanner	Bluetooth® 2D imager scanner	
	Optical sensor	2500 pixels	Laser	752 x 480 pixels	
	Light source	Red LED 625 nm	Visible laser diode at 650 nm	625 ± 5 nm LEDs ( 2x )	
	Resolution	3 mil	4 mil	3 mil - 1D barcode / 5 mil - 2D barcode	
	Depth of field ( depends on barcode resolution )	3.5 to 38 cm / 1.4 to 15 in.	2 to 42 cm / 0.8 to 16.5 in.	Code 39 3 mil: 6.9 to 10.7 cm / 2.7 to 4.2 in. Code 39 5 mil: 3.6 to 18.5 cm / 1.4 to 7.3 in. UPCA 13 mil: 4.0 to 30.5 cm / 1.6 to 12 in. PDF417 5 mil: 7.1 to 11.4 cm / 2.8 to 4.5 in. PDF417 6.67 mil: 4.8 to 17.5 cm / 1.9 to 6.9 in.	
	Scanning angle	Pitch ± 70° Skew ± 70°		Pitch ± 65°, Skew ± 50°	
	PCS	Minimum 30%			
	Scan rate	100 scans / second		60 scans / second	
	Barcodes supported	Codabar, Code 39, Code 93, Code 128, GS1 DataBar ( RSS ), Industrial 2 of 5, Interleave 2 of 5, ISBT-128, Italian and French Pharmacodes., Matrix 2 of 5, MSI, Plessey, Telepen, UPC-A, UPC-E, EAN-8, EAN-13, GS1-128 ( EAN-128 )		Codabar, Code 32, Code 39, Trioptic Code 39, Code 93, Code 128, Industrial 2 of 5, Interleaved 2 of 5, ISBT-128, Italian Pharmacodes, MSI Plessey, Bookland EAN, GS1-DataBar, GS1 DataBar-14, GS1 DataBar Limited, GS1 DataBar Expanded, UPCA-A, UPC-E, UPC-E1, EAN-8, EAN-13	1D: All major codes <sup>1</sup> 2D: PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal Dutch Postal ( KIX )
	Programmable features	Data editing, interface selection, symbology configuration			
Language support	US and UK English, French, Italian, Belgian, Norwegian, Swedish, Spanish, Portuguese, German, Japanese, Turkish and Hungarian				
Physical	Weight ( including battery )	50 g / 1.76 oz.	69 g / 2.43 oz.	106 g / 3.7 oz.	
	Size LxWxH	9.5 x 3.5 x 2 cm / 3.7 x 1.4 x 0.8 in.		11.3 x 4.5 x 3.0 cm / 4.4 x 1.8 x 1.2 in.	
	Color	Grey		Black	
	Button	Power and scan keys			
Electrical	Memory	256 K	512 K	4 MB	
	Working hours	30 hours based on 1 scan / 5 seconds	40 hours based on 1 scan / 5 seconds	35 hours based on 1 scan / 5 seconds	24 hours based on 1 scan / 5 seconds
	Power Supply	Two AAA batteries			
	Power consumption Standby / Operating	15 mA / 245 mA @ 3 V	17 mA / 190 mA @ 3.7 V	20 mA / 100 mA @ 3.7 V	20 mA / 250 mA @ 3.7 V
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 ( w/o battery )			
	Humidity ( non-condensing )	Operating : 10% to 90% / Storage : 5% to 95%			
	Impact resistance	--	0.9 m / 3.0 ft. multiple drops onto concrete	1.5 m / 4.9 ft. multiple drops onto concrete	
	Ingress protection	--		IP42	
	Electrostatic discharge	± 8 kV contact / ± 15 kV air			
EMC regulation	BSMI, CE, C-tick, FCC, NCC, IC, TELEC, SRMC, KC		BSMI, CE, C-tick, FCC, NCC, IC, TELEC, SRMC		
Configuration	Setup option includes Windows®- based ScanMaster software				
Accessories	3610 Bluetooth® transponder, protective cover		3610 Bluetooth® transponder, Micro USB cable, battery charger, protective cover		
Warranty	1 year				

1. All of the barcodes that 1600 series 1D scanner can read except French Pharmacode, Plessey, and Telepen.

ACCESSORIES



3610 Bluetooth® Transponder



Battery Charger



Protective Cover



1600H



3610H

### Antimicrobial Protection Series



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