

1600 series

Pocket-sized Scanner



	1660	1661	1662	1663	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® linear imager scanner	Bluetooth® 2D imager scanner
	Optical sensor	2500 pixels		Laser	2500 pixels	752 x 480 pixels
	Light source	Red LED 625 nm		Visible laser diode at 650 nm	625 ±5 nm Red LEDs (2x)	
	Resolution	3 mil		4 mil	3 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.	2.4 to 38 cm / 0.9 to 15 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°	Pitch ± 70°, Skew ± 70°	Pitch ± 60°, Skew ± 60°
	PCS	Minimum 30%				
	Scan rate	100 scans / second			200 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, UPC-A, UPC-E, UPC-E1, EAN-8, EAN-13	Codabar, Code 39, Code 93, Code 128, GS1 DataBar(RSS), Industrial 2 of 5, Italian and French Pharmacodes, Interleave 2 of 5, Matrix 2 of 5, MSI, Plessey, Telepen, UPC/EAN/GS1-128, and more	1D: All major codes ¹ 2D: PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode Postal Codes: UK 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, Swiss German, Japanese, Turkish, Hungarian, and Danish				
	Physical	Weight (including battery)	50 g / 1.76 oz.	69 g / 2.43 oz.	100 g / 3.53 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				
Memory		256 K	512 K	4 MB		
Electrical	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	40 hours based on 1 scan / 5 seconds	24 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 @ 3 V	17 mA / 190 mA @ 3.7 V	20 mA / 100 mA @ 3.7 V	20 mA / 224 mA @ 3.7V	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	BSMI, CE, FCC, NCC, TELEC	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 1664 2D scanner can read except French Pharmacode, Plessey, and Telepen.

ACCESSORIES				Antimicrobial Protection Series	
	3610 Bluetooth® Transponder	Battery Charger	Protective Cover	1600H	3610H



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