2500 series
Business-Rugged Handheld Scanner

Model	2500	2560	2504MR	2564MR
Category	Linear Imager		2D Imager	
	Corded	*Bluetooth*® V4.0 Dual mode (2.1 + EDR/ BLE)	Corded	*Bluetooth*® V4.0 Dual mode (2.1 + EDR/ BLE)
RF Communication of *Bluetooth*®**-Scanner** — Coverage[1]	--	100 m[1] / 295 ft. line of sight	--	100 m[1] / 295 ft. line of sight
Standard profile		SPP, HID, GATT		SPP, HID, GATT
Performance — Optical sensor	2500 pixels		1280x960 pixels	
Light source	Red LED 625 nm (2X)		Warm White LEDs (2x)	
Resolution	3 mil		3 mil- 1D barcode / 5 mil - 2D barcode	
Depth of field	3 mil : 2.5 to 8 cm 13 mil : 1.5 to 50 cm 20 mil: 25 to 75 cm		Code 128 5 mil : 18.5 to 37.5 cm PDF 417 5 mil : 21 to 26.5 cm Data Matrix 7.5 mil : 17 to 35 cm Data Matrix 10 mil : 15.5 to 45.5 cm UPCA 13 mil : 8 to 94 cm Code 39 100 mil : 28 to 425 cm Data Matrix 160 mil : 29.5 to 384 cm	
Scanning angle	Pitch ± 70° Skew ± 70°		Pitch ± 60°, Skew ± 60°	
Minimum PCS	15%		25%	
Scan rate	578 scans/ second		60 scans/second	
Ambient illumination	100,000 lux			
Hands-free scanning	Auto-sense and continuous modes		Auto-sense and presentation modes	
Barcodes support	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/EAN/GS1-128, and more		1D: All of the bacodes that 2500 series 1D scanners can support 2D: PDF417, MicroPDF417, Data Matrix, QR code, Micro QR Code, Aztec, MaxiCode, Composite Codes, TLC-39	
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, Danish			
Physical — Dimension L x W x H	96.2 x 66x160.5 mm			
Weight (without cabe/ with battery)	145 g / 4.9 oz.	185g / 6.5 oz.	166 g / 5.9 oz.	198g / 7.0 oz.
Color	Black, Register White			
Switch	Tactile Switch			
Electrical — Memory for *Bluetooth*® scanner reserver buffer / batch mode	--	64 K / 256 K	--	10 K / 4 MB
Working hours for *Bluetooth*®-Scanner	--	60 hours based on 1 scan / 5 seconds	--	25 hours based on 1 scan / 5 seconds
Voltage	3.7 V 800mAh Li-ion battery			
Power consumption[2] Standby / Operating	20 mA / 255 mA	12 mA / 250 mA	16 mA/ 270 mA	17 mA/ 280 mA
User Environment — Temperature	Operating: 0 °C to 50°C / 32°F to 122°F Storage: -40°C to 70°C / -40°F to 158°F (w/o battery)			
Humidity	Operating: 10% to 90% Storage: 5% to 95%			
Impact resistance	1.8 m mutliple drops onto concrete, 1000 (1 m) tumbles			
Ingress protection	IP54			
Electrostatic discharge	±10 kV contact ±20 kV air			
Regulatory compliance	FCC, IC,CE, RCM, BSMI, KC	FCC, IC, CE, RCM, BSMI, NCC, KC, SRMC	FCC, IC,CE, RCM, BSMI, KC	FCC, IC, CE, RCM, BSMI, NCC, KC, SRMC
	REACH, WEEE, ErP, Eurpoe RoHS, Taiwan RoHS, China RoHS			
Configuration	Setup options include Windows®-based ScanMaster software			
Accessories	USB, RS232 and keyboard wedge cables, hands-free adjustable stand Communication cradle with battery charger option(*Bluetooth*® connection up to 7 scanners), single battery charger for *Bluetooth*® scanner			
Warranty	5 year		3 year (engine 1 year)	

1. It is based on communication cradle.   2. The data is tested with USB interface.

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T2500X0101501 - 02/2017