1500 series
General Handheld Scanner

		1500, 1500WA	1560	1502	1562	1504, 1504SE	1564
Category		Linear Imager		Laser		2D Imager	
		Corded	*Bluetooth®* Class 2 (2.4 GHz) Version 2.0+EDR	Corded	*Bluetooth®* Class 2 (2.4 GHz) Version 2.0+EDR	Corded	*Bluetooth®* Class 2 (2.4 GHz) Version 2.0+EDR
RF Communication of *Bluetooth®* scanner	Coverage	--	90 m [1] / 295 ft. line of sight	--	90 m [1] / 295 ft. line of sight	--	90 m [1] / 295 ft. line of sight
	Standard profile		SPP, HID		SPP, HID		SPP, HID
Performance	Optical sensor	2500 pixels		Laser		752 x 480 pixels	
	Light source	Red LED 625 nm	Red LED 618-626 nm	Visable laser diode at 650 ± 15 nm		625 ±5 nm LEDs (2x)	
	Resolution	3 mil		4 mil		3 mil - 1D barcode / 5 mil - 2D barcode	
	Depth of field (13 mil barcode)	1500: 0.5 to 35 cm / 0.2 to 13.8 in. (1500WA: long barcode 8.2 cm, 8 mil - 7.5 to 14.5cm / 3 to 5.7 in.)		2 to 57 cm / 0.8 to 22.4 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 to 30.5 cm / 1.6 to 12 in. PDF417 5 mil: 2.8 to 4.5 cm / 1.1 to 1.8 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 ±60° Skew±60°	
	PCS	Minimum 30%		Minimum 45%		Minimum 30%	
	Scan rate	200 scans / second	100 scans / second	100 scans / second		60 scans / second	
	Ambient illumination	100,000 lux					
	Hands-free scanning	Auto-sense and continuous modes		Continuous mode		Auto-sense mode, continuous mode, and presentation mode	
	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 1500 series 1D scanners can support except French Pharmacodes, Plessey and Telepen 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, Swiss German, Japanese, Turkish, Hungarian, and Danish					
Physical	Dimension L x W x H	15.3 x 6.1 x 9.3 cm / 6.0 x 2.4 x 3.7 in.					
	Weight without cable / with battery	145 g / 5.1 oz.	173 g / 6.1 oz.	149 g / 5.2 oz.	177 g / 6.2 oz.	154 g / 5.4 oz.	185 g / 6.5 oz.
	Color	Black					
	Switch	Tactile Switch					
Electrical	Memory for *Bluetooth®* scanner reserver buffer / batch mode	4 K / 512 K				10 K / 4 MB	
	Working hours for *Bluetooth®* scanner	24 / 12 hours[4] based on 1 scan / 5 seconds		24 hours based on 1 scan / 5 seconds		16 hours based on 1 scan / 5 seconds	
	Voltage	+5 V ±10% / 3.7 V 800 mAh Li-ion battery				+5 V ±10% / 3.7 V 800 mAh Li-ion battery	
	Power consumption[3] Standby / Operating	50 mA / 265 mA	45 mA / 270 mA	35 mA / 210 mA	25 mA / 210 mA	1504: 30mA / 280mA 1504SE: 38mA / 196mA	35mA / 230mA
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	1.5 m (4.9 ft) mutliple drops onto concrete	1.2 m (3.9 ft) mutliple drops onto concrete				
	Ingress protection	IP30					
	Electrostatic discharge	±8 kV contact ±15 kV air					
	EMC regulation	1500: BSMI, CE, C-tick, FCC, IC, KC 1500WA: BSMI, CE, C-tick, FCC, IC	BSMI, CE, C-tick, FCC, IC, KC, NCC, SRMC, TELEC	BSMI, CE, C-tick, FCC, IC, KC	BSMI, CE, C-tick, FCC, IC, KC, NCC, SRMC, TELEC	1504: BSMI, CE, C-tick, FCC, IC, KC 1504SE: BSMI, CE, C-tick, FCC, IC	BSMI, CE, C-tick, FCC, IC, NCC, KC, SRMC, TELEC
Configuration		Setup options include Windows-based ScanMaster software, by direct connection or printing out barcode settings					
Accessories		USB, RS232 and keyboard wedge cables, hands-free adjustable stand, Three-way desk/wall/auto-sense stand with optional weighted base, communcation stand for *Bluetooth®* scanner provides *Bluetooth®* communication for up to 7 scanners, single battery charger for *Bluetooth®* scanner					
Warranty		5 years	3 years	3 years (engine 1 year)			

1. It is based on communication stand without weighted base.   2. All of the barcodes that 1500 series 2D scanners can read except French Pharmacode, Plessey, Telepen, and ISBT-128 (1504SE only).
3. The data is tested with USB interface.   4. Depending on the CCD Sensor mode setting: Always Active function disabled / enabled, and default setting.

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