

SPECIFICATIONS

1500 series scanner

Fast and reliable



	Linear Imager	Laser	2D Imager	
Category	Corded	1500, 1500WA	1502	
	Bluetooth cordless	1560	1562	
RF Communication of Bluetooth scanner	Module	Bluetooth Class 2 (2.4 GHz) Version 2.0		
	Coverage	90 m' / 295 ft. line of sight		
	Standard profile	SPP, HID		
Performance	Optical sensor	2500 pixels	Laser	
	Light source	Red LED 625 nm (1560: Red LED 618-626 nm)	Visible laser diode at 650 ± 15 nm	
	Resolution	3 mil	4 mil	
	Depth of field 13 mil barcode	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.	
	Scanning angle	Pitch ± 70° Skew ± 70°	Pitch ± 65° Skew ± 50°	
	PCS	Minimum 30%	Minimum 45%	
	Scan rate	200 scans, decodes / second (1500WA: 100 scans / second)	100 scans / second	
	Ambient illumination	100,000 lux		
	Hands-free scanning	Auto-sense and continuous modes	Continuous 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-A, UPC-E, EAN-8, EAN-13, GS1-128 (EAN-128)		1D: All major codes ² 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 and Turkish		
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. (1560: 173 g / 6.1 oz.)	1502: 149 g / 5.2 oz. 1562: 177 g / 6.2 oz.	
	Color	Black		
Switch	Tactile Switch			
Electrical	Memory for Bluetooth scanner reserver buffer / batch mode	4 K / 512 K		
	Working hours for Bluetooth scanner	24 / 12 hours depending on the CCD Sensor mode setting (Always Active function disabled/ Always Active function enabled, default setting)	24 hours based on 1 scans / 5 seconds	
	Voltage	+5 V ±10% / 3.7 V 800 mAh Li-ion battery		
	Power consumption ³ Standby / Operating	50 mA / 265 mA (1560: 45 mA / 270 mA)	1502: 35 mA / 210 mA 1562: 25 mA / 210 mA	
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) multiple drops onto concrete (1560: 1.2 m (3.9 ft) multiple drops onto concrete)	1.2 m (3.9 ft) multiple 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: CE, C-tick, FCC, IC 1560: BSMI, CE, C-tick, FCC, IC, KC, NCC, SRMC, TELEC	1502: CE, C-tick, FCC, IC 1562: BSMI, CE, C-tick, FCC, IC, KC, NCC, SRMC, TELEC	1504: BSMI, CE, C-tick, FCC, IC, KC 1564: 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, Three-way desk/wall/auto-sense stand with optional weighted base, communication stand for Bluetooth scanner provides Bluetooth communication for up to 7 scanners, single battery charger for Bluetooth scanner			
Warranty	5 years (1560: 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 1D scanners can read except French Pharmacode, Plessey, and Telepen. ³ The data is tested with USB interface.

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