

SPECIFICATIONS

1500 series scanner

Fast and reliable



		Linear Imager	Laser	2D Imager	
Category	Corded	1500, 1500WA	1502	1504	
	Bluetooth cordless	1560	1562	1564	
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	752 x 480 pixels
Performance	Light source	Red LED 625 nm (1560: 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	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. Code 39 7.5 mil: 0 to 25.1 cm / 0 to 9.9 in. UPCA 13 mil: 4 to 30.5 cm / 1.6 to 12 in. Code 39 20mil: 0 to 50 cm / 0 to 19.7 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. PDF417 10 mil: 0 to 22.9 cm / 0 to 9 in. PDF417 15 mil: 0 to 29.7 cm / 0 to 11.7 in.	
	Scanning angle	Pitch ± 70° Skew ± 70°	Pitch ± 65° Skew ± 50°	Pitch ±60° Skew±60°	
	PCS	Minimum 30%	Minimum 45%		
	Scan rate	200 scans, decodes / second (1500WA: 100 scans / second)	100 scans / second	60 frames / 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-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, Geman, 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.	1504: 154 g / 5.4 oz. 1564: 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 M
	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	16 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	1504: 30 mA / 280 mA 1564: 35 mA / 230 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)		