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[1] / 295 ft. line of sight		
	Standard profile	SPP, HID		
Performance	Optical sensor	2500 pixels	Laser	752 x 480 pixels
	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, 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.	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) mutliple drops onto concrete (1560: 1.2 m (3.9 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: 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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1500 series

1500 series scanners from CipherLab

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Bluetooth®