

CipherLAB 1500 series

-handheld scanners for every purpose

CipherLAB 1500 is probably the most comprehensive handheld scanner series on the market. From snappy, reliable 1D scanning to superior 2D scanning. Corded or wireless. Hands-free or handheld. All this is possible with this small-sized, ergonomic scanner.

In the retail store, at the hospital, the production line or the line for mobile ticketing. Where ever you have the need for a handheld scanner, CipherLAB 1500 series is the answer.

3 Reader options

- Linear Imager, Laser Scanner and 2D Imager



Low Weight

- 145—177 gram



3-in-1 Auto-sense Stand



Wireless freedom

- Bluetooth 90-meter line-of-sight
- Also compatible with iPhone, iPad and Android.

Reliable

- impact resistance 1,5—1,2 meter
- warranty 5 years/3 years

Interface options

- USB-HID
- USB-COM (Virtual COM)
- RS232
- PS2/AT keyboard
- Bluetooth HID
- Bluetooth SPP

Models
CipherLAB 1500 Linear Imager, Corded
CipherLAB 1502 Laser Scanner, Corded
CipherLAB 1504 2D Imager, Corded
CipherLAB 1560 Linear Imager, Bluetooth
CipherLAB 1562 Laser Scanner, Bluetooth
CipherLAB 1564 2D Imager, Bluetooth
Main accessories
CL 1500 Auto-sense Stand
CL 1560 Battery Charger
CL 1500 Auto-sense Stand



About CipherLAB

CipherLAB is a leading manufacturer of Auto-ID equipment. High quality products are sold worldwide through a network of professional and dedicated partners.

Fast and flexible support in the lifetime of the product is the best guarantee for choosing the right solution and at the same time keeping the costs for maintenance at a minimum.

From the branch in Denmark we serve the nordic region with fast deliveries, flexible support and in-house repair center.



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Technical Specifications

		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
	Light source	Red LED 625 nm	Visible laser diode at 650 ± 15 nm	625 ± 5 nm LEDs (2x)
	Resolution	3 mil	4 mil	1D: 3 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.	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 20 mil: 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%	Minimum 45%
	Scan rate	200 scans, decodes/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/ 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 major codes (except Plessey, 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, 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		145g / 5.1 oz. (1560: 173g / 6.1 oz.)	1502: 149g / 5.2 oz. 1562: 177g / 6.2 oz.	1504: 154g / 5.4 oz. 1564: 185g / 6.5 oz.
Color		Black		
Switch		Tactile Switch		
Electrical	Working hours	24 hours based on 1 scans / 5 seconds		16 hours based on 1 scans / 5 seconds
	Voltage	+5 V ±10%/3.7 V 800mAh Li-ion battery		+5 V ±10%/ 3.7V 800mAh Li-ion battery
	Power consumption Standby / Operating	50mA / 265mA (1560: 45mA / 270mA)	1502: 35mA / 210mA 1562: 25mA / 210mA	1504: 30mA / 280mA 1564: 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 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, MIC 1500WA: BSMI, CE, C-tick, FCC, IC 1560: BSMI, CE, C-tick, FCC, IC, KCC, NCC, SRMC, TELEC	1502: CE, C-tick, FCC, IC 1562: BSMI, CE, C-tick, FCC, IC, KCC, NCC, SRMC, TELEC	1504: BSMI, CE, C-tick, FCC, IC 1564: BSMI, CE, C-tick, FCC, IC, NCC
Configuration	Setup options include Windows-based ScanMaster software (included), 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 year (1560: 3 year)		3 year (engine 1 year)	