CIPHERLAB
Smarter

_NETSelekt.pl

1500 series



General Handheld Scanner

Bringing retail productivity and performance up to speed, the 1500 series of scanners offers powerful reliability with efficiency. Ideal for a wide range of applications from retail to healthcare and post offices, the 1500 scanner is not only advanced, but its ergonomic design also provides extreme durability – day in, day out.

LINEAR IMAGER LASER

2D IMAGER

Bluetooth®

1500 series

General Handheld Scanner



1500 Series Scanners from CipherLab

Accelerate your business

Handheld scanners are much faster than human fingers. Pull the trigger and the work is done instantly: complete series, update inventories, check patient records, and record production line parts and activities. Handheld scanners accelerate work with error-free capture of critical information, keeping your company data up to date and up to the minute.



Cut costs

CipherLab scanners are versatile, agile, and priced right for long-lasting value. Your company benefits from years of use, backed by a manufacturer honored in the industry for its innovative, reliable products and customer service. The 1500 series scanners capture data from regular to long barcodes with a choice of linear imager, 2D imager, or laser. Together with *Bluetooth*® cordless and corded applications, the 1500 series scanners help you run business more efficiently with improved operations.

Go where the work takes you

The 1500 series includes wireless scanners to unleash workers, so they can go where the work is and get more done, in more places. Our 1500 series *Bluetooth*® scanners connect with the communication stand up to 90 meters (295 feet) away. Beyond that, they keep working by storing information until the scanner is back in range.

Smart solutions with immediate payoffs

Accelerate receiving with fast, reliable, low-cost CipherLab 1500 handheld scanners

European retail giant Valora deployed 1,100 CipherLab 1500 scanners to improve product receiving in its Swiss sales outlets.

"After performing extensive tests, it was clear that the CipherLab scanner performed much better than any of the other solutions. We had no previous experience with CipherLab and were positively surprised with its error-free scans, reliability, and the convincing value for money it offers."

Christian Wurger, Head of the Corporate IT Operation/ Support, Valora, Switzerland

Streamline tracking and delivery with wireless CipherLab *Bluetooth*® scanners

To ensure better tracking and delivery of mail and goods, Brazil's ECT, the largest post office in Latin America, relies on the flexibility and productivity of CipherLab *Bluetooth*® scanners.

"With the new scanners, employees can easily reach the items to scan. They can walk around outdoors and scan packages in the unloading/departing zones, allowing them to work faster and get more work done. And the database is always updated when they are back in wireless range."

Marcel Gomes, Complex Solutions Provider for ECT, Brazil.

Update stock and reply distribution requirements in real time with wireless CipherLab *Bluetooth*® scanners

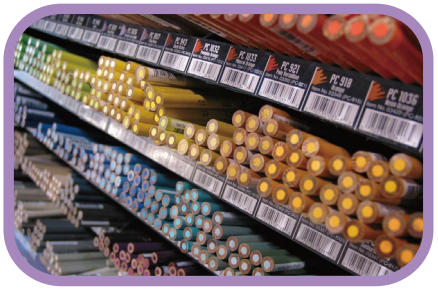
To ensure accurate CD/DVD replenishment, ASDA/Wal-Mart combines the wireless connectivity of CipherLab *Bluetooth*® scanners and Smartphones/PDAs to instantly send stocking requirements to the distribution center.

"After searching worldwide for scanners with good communication capabilities, we found CipherLab *Bluetooth*® scanners with high-quality and reliable performance. CipherLab scanners not only provide real-time stocking updates, but also record deliveries made to the actual supermarkets, which improves the efficiency of our business operation."

Altaf Sadique, CEO, Gane Data LTD., United Kingdom

Snappy scanning, speedy decoding

The 1500 series with linear imaging reader scan and decode barcodes up to 520 times per second to speed work, eliminate rescans and keep up with your fastest operation. This high speed delivered with low power consumption makes auto-sense scanning very effective.



Wireless freedom

Range of Operation

The 1500 series *Bluetooth*® wireless scanners have a 90-meter line-of-sight range from the communication stand. If it's not in range, with the optional linear imager and laser scanners, the scanner's buffer memory holds up to 256 scans in reserve, ready to transmit automatically when you're back in range again. Or, use batch mode to record over 32,000 scans – that's freedom to roam widely. The 1500 *Bluetooth*® scanner with 2D reader has a buffer memory of 10 K or 4 MB in batch mode.



House of Wireless Power

CipherLab offers you the multi-shift service with the 1500 series *Bluetooth*® scanner. Without interruption of workflow, users get to finish work more productively and efficiently.

A Great Variety at Your Fingertips

Every business is different and has different scanning needs, which is why CipherLab have a broad range of scanners to suit any businesses whatever their needs. The 1500 series comes in a range of varieties. The linear imager scanner offers the option of reading long barcodes, for example the ones on bills, making it suitable for utility companies, banks, and collecting agencies. The option of 2D imager is good for scanning barcodes on medicine packaging or hospital equipments making them suited for pharmaceutical or hospitals.



PC Software to Custom-Configure Scanners to Any Environment

CipherLab **ScanMaster** software provides comprehensive tools to configure any scanner, such as enabling and disabling hands-free scanning, choosing edit format and symbology types, plus more. With ScanMaster, scanners can be easily customized to fit every working environment. ScanMaster for PC is included with all CipherLab scanners. In addition, 1500 series is also supported by **CipherConnect** which is a COM-to-key utility designed for CipherLab *Bluetooth*® scanners to work as an input device for smart devices, such as Smartphone or PDA. The software enables intensive data collection and transmission via CipherLab *Bluetooth*® scanner to the smart device.





1500 series

General Handheld Scanner



		1500P	1560P	1502	1562	1504P	1504A	1564A
Category		Linear Imager		Laser		2D Imager		
		Corded	*Bluetooth*® Class 2 (2.4 GHz) Version 4.0+EDR	Corded	*Bluetooth*® Class 2 (2.4 GHz) Version 2.1+EDR	Corded		*Bluetooth*® Class 2 (2.4 GHz) Version 4.0+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	CCD Linear Sensor 2500 pixels		Laser		CMOS Image Sensor 1280 x 800 pixels	CMOS Image Sensor 1280 x 960 pixels	
	Light source	Red LED 625 nm	Red LED 618-626 nm	Visable laser diode at 650 ± 15 nm		Warm White LED (2x)	White LED (1x)	
	Resolution	3 mil		4 mil		3 mil - 1D barcode / 5 mil - 2D barcode		
	Depth of field: Code 39 3 mil	6.9 to 10.7 cm / 2.7 to 4.2 in.		Code 39 4 mil: 1 to 4 cm / 0.4 to 1.6 in.		4 to 9 cm / 1.6 to 3.5 in.	6.5 to 17 cm / 2.5 to 6.6 in.	
	Depth of field: Code 39 5 mil	6 to 17 cm / 2.4 to 6.7 in.		1 to 12 cm / 0.4 to 4.7 in.		3 to 14.5 cm / 1.2 to 5.7 in.	5 to 20.5 cm / 1.9 to 8 in.	
	Depth of field: UPCA 13 mil	4 to 40 cm / 1.6 to 15.7 in.		1.5 to 51.5 cm / 0.6 to 20.3 in.		3.5 to 30 cm / 1.4 to 11.8 in.	5.5 to 40 cm / 2.1 to 15.7 in.	
	Depth of field: PDF417 5 mil	--		--		3 to 10.5 cm / 1.2 to 4.1 in.	7.5 to 12 cm / 2.9 to 4.7 in.	
	Depth of field: QR Code 10 mil	--		--		2 to 16 cm / 0.8 to 6.3 in.	4 to 27.5 cm / 1.5 to 10.8 in.	
	Depth of field: Long barcode 8.2 cm, 8 mil	1500P : 10 to 20 cm / 3.9 to 7.9 in	--	--		--	--	
	Scanning angle	Pitch ± 70° Skew ± 70°		Pitch ± 65° Skew ± 50°		Pitch ±60° Skew±60°		
	Minimum PCS	25%		45%		25%	20%	
	Scan rate	520 scans/ second		100 scans/ second		60 scans / second	30 scans / second	
	Ambient illumination	100,000 lux						
	Hands-free scanning	Auto-sense and continuous modes		Continuous mode		Auto-sense and presentation modes		
	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 2D : PDF417, MicroPDF417, DataMatrix, QR code, Micro QR Code, Aztec, Maxicode	1D: All of the bacodes that 1500 series 1D scanners can support 2D: PDF417, MicroPDF417, Data Matrix, QR code, Micro QR Code, Aztec, MaxiCode, Han Xin Code, 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	1500P: 149 g / 5.2 oz.	173 g / 6.1 oz.	149 g / 5.2 oz.	177 g / 6.2 oz.	149g / 5.2 oz.	144 g / 5.1 oz.	172 g / 6.1 oz.
	Color	Black						
	Switch	Tactile Switch						
Electrical	Memory for *Bluetooth*® scanner reserver buffer / batch mode	--	4 K / 512 K	--	4 K / 512 K	--		10 K / 4 MB
	Working hours for *Bluetooth*® scanner	--	36 hours based on 1 scan / 5 seconds	--	24 hours based on 1 scan / 5 seconds	--		26 hours based on 1 scan / 5 seconds
	Voltage	+5 V ±10% / 3.7 V 800 mAh Li-ion battery						
	Power consumption[2] Standby / Operating	1500P: 20 mA / 286 mA	20 mA / 250 mA	35 mA / 210 mA	25 mA / 210 mA	60 mA/ 420 mA	25mA / 270 mA	25mA / 300 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	1.2 m (3.9 ft) multiple drops onto concrete					
	Ingress protection	IP30						
	Electrostatic discharge	±8 kV contact ±15 kV air						
	Regulatory Compliance	BSMI, CE, RCM, FCC, IC	BSMI, CE, RCM, FCC, IC, NCC, SRMC, JRL	BSMI, CE, RCM, FCC, IC, KC	BSMI, CE, RCM, FCC, IC, KC, NCC, SRMC, JRL	BSMI, CE, RCM, FCC, IC, KC		BSMI, CE, RCM, FCC, IC, KC, NCC, SRMC, JRL
		RoHS, REACH, WEEE, ErP						
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, communication 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)		3 years	3 years (engine 1 year)	

1.It is based on communication stand without weighted base. 2.The data is tested with USB interface.

HEADQUARTERS
CipherLab Co., Ltd.
12F, 333 Dunhua S. Rd., Sec.2
Taipei, Taiwan 10669
Tel +886 2 8647 1166
Fax +886 2 8732 3300
www.cipherlab.com

CipherLab Electronics Trading (Shanghai) Co., Ltd.
E Room, 9F, No.726 West Yan'an Road. Changning District, Shanghai, China 200050
Tel +86 21 3368 0288
Toll Free 400 920 0285
Fax +86 21 3368 0286

CipherLab USA Inc.
2552 Summit Avenue STE 400
Plano, Texas, USA 75074
Tel +1 469 241 9779
Toll Free 888 300 9779
Fax +1 469 241 0697

CipherLab Europe
Cahorslaan 24,
5627 BX Eindhoven,
The Netherlands
Tel +31 (0) 40 2990202

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