



1000A

1090+ / 1100 / 1105 Corded Scanner



Reliable Scanning Built with Affordability

CipherLab's affordable handheld corded scanners deliver reliability at its finest for streamlining workflow. With fast paced scanning always in demand, these handheld scanners will accelerate your productivity in the retail, healthcare and manufacturing industries with ease, all the while minimizing total cost of ownership.



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CipherLab's Corded Handheld Produces Work Efficiency

CipherLab's corded handheld scanners create efficiency by providing 1000A, 1090+ and 1100/1105 for your scanning demands. The 1000A's user-friendly design is built with optimal scanning accuracy. CipherLab's 1090+ has the ability to precisely read 90mm wide barcodes and speed-up your business' operations. Under harsher environments, CipherLab's 1100/1105's ruggedness is coupled with reliable linear image scanning to generate long lasting productivity. Regardless of your needs, CipherLab's corded handheld scanners have a solution.



Enhanced Depth of Field Ranges from Wide to Tiny

CipherLab's 1000A scanner instantly enhances your scanning capabilities with its optimal scanning efficiency and accuracy. Its 12 cm depth of field scanning on barcodes allows users to freely focus the reader from contact mode or at a distance of 12 cm. No matter if you need to read barcodes that are clustered together or barcodes that are too wide, the 1000A's enhanced depth of field has got you covered. Additionally, the 1000A can read high density barcodes up to 3 mil on limited space, which supports even the tiniest barcodes commonly found on jewelry or electronics.



User-friendly Design with Swift Scanning Capabilities

Coming in ivory or black in color, CipherLab's 1000A has a design that is smooth and practical. It is built with thermoplastic polyurethane (TPU) and a rubber boot which makes the grip comfortable and able to withstand long periods of operation. With the operation being comfy, your business can push its productivity to the max with 1000A's speedy scanning. It has the ability to scan up to 200 scans per second. In addition, 1000A's ability to read low contrast barcodes ensures your speedy operational process won't be decelerated by poorly printed or damaged barcodes.



Affordability Built with Reliable Performance and Warranty

Built with no moving parts, CipherLab's 1000A limits any complication in its performance while keeping power consumption low. It includes the useful ScanMaster software which allows easy configuration. Its affordable pricing coupled with its ability to satisfy a wide range of applications will give users the most bang for one's buck. Furthermore, the 1000A's reliability is backed with CipherLab's 5-year warranty as a gesture of confidence to ensure long-lasting operations.



Accurate Scanning with Wide Barcode Flexibility

The 1090+ offers fast and accurate scanning which boosts productivity straight into checkout lines, shop floors and documentation centers. With its wide lid, the 1090+ is able to read barcodes up to 9 cm in contact mode. The contact imaging scanner eliminates scanning errors with its ability to read low quality barcodes of 30% PCS. Built with low power consumption and no moving parts, its low cost of ownership comes with ScanMaster software while backed with a 5 year warranty which makes CipherLab's 1090+ a great and reliable asset for any business with data capturing needs.



Reliable Scanning Built for the Rugged Environments

CipherLab's 1100 and 1105 linear imaging scanner are built for the industries with harsh environments. While the 1100 can read 3 mil barcodes and 1105 can read 4 mil barcodes, both support reading low quality barcodes of 30% PCS. Having a depth of field range of 2.5 – 20 cm, the 1100 and 1105 scanner accommodate a wide range of accurate data capture. Built with a rugged design, the 1100 and 1105 can withstand multiple 2 meter drops onto concrete and other challenging environments. Its rugged reliability is coupled with low power consumption and no moving parts for long lasting service and low cost of ownership. Moreover, the 1100 and 1105 comes with ScanMaster software and CipherLab's 5 year warranty to ensure continuous productivity.



General Corded Scanner



1000A

1090+

1100

1105

	1000A	1090+	1100	1105
Performance				
Category	Linear imaging scanner (for barcodes up to 150mm wide)	CCD contact scanner (for barcodes up to 90mm wide)	Linear imaging scanner	
Optical sensor	1500 pixels	2048 pixels	3648 pixels	2048 pixels
Light source	Red LED (650 nm)		Red LED (630 nm)	
Resolution	3 mil	4 mil	3 mil	4 mil
Depth of field 13 mil barcode	0 to 12cm / 0 to 4.72 in.	0 to 5cm / 0 to 2 in.	2.5 to 20cm / 1 to 7.9 in.	
Scanning angle	Pitch $\pm 70^\circ$ Skew $\pm 40^\circ$	Pitch $\pm 70^\circ$ Skew $\pm 70^\circ$	Pitch $\pm 70^\circ$ Skew $\pm 70^\circ$	
PCS	Minimum 30%			
Scan rate	200 scans / second	100 scans / second	100 scans / second	
Auto-sense mode	N / A		Yes	
Interfaces supported	RS232, Keyboard wedge, USB	RS232, Keyboard wedge, USB HID, USB Virtual Com, IBM 4683 / 4694	RS232, Keyboard wedge, USB HID, USB Virtual Com, IBM 4683/4694	
Barcodes supported	Codabar, Code 39, Code 93, Code 128, GS1 DataBar (RSS), Industrial 2 of 5, Interleave 2 of 5, Matrix 2 of 5, MSI, Italian and French Pharmacodes, Plessey, Telepen, UPC / EAN / GS1-128, and more			
Programmable features	Data editing, interface selection, symbology configuration			
Language support	US and UK English, French, Italian, Belgian, Norwegian, Swedish, Spanish, Portuguese, German			
Physical				
Dimension L x W x H	17 x 8 x 4.8 cm / 6.7 x 3.1 x 1.9 in.	18.2 x 10.4 x 6.4 cm / 7.2 x 4.1 x 2.5 in.	14.5 x 9.3 x 7.4 cm / 5.7 x 3.7 x 2.9 in.	
Weight without cable	203 g / 7.2 oz. (w / cable)	148 g / 5.2 oz.	165 g / 5.8 oz.	
Color	Ivory or Black	Ivory	Light gray or dark gray	
Switch	Rubber switch		Micro switch	
Electrical				
Voltage	+5V $\pm 5\%$		+5V $\pm 10\%$	
Power consumption Standby / Operating	30mA / 120 mA	45 mA / 105 mA	60 mA / 190 mA	
User Environment				
Operating temperature	0 ° to 50°C / 32° to 122°F			
Storage temperature	-20° to 60°C / -4° to 140°F			
Operating/storage humidity Non-condensing	10% to 90% / 5% to 95%			
Impact resistance Multiple drops onto concrete	1.0 m / 3.3 ft. Drops		2m / 6.6 ft. Drops	
Electrostatic discharge	Conforms to ± 15 kV air discharge and ± 8 kV contact discharge			
Regulatory compliance	BSMI, CE, RCM, FCC, IC, KC, RoHS, REACH, WEEE, ErP		BSMI, CE, RCM, FCC, IC, RoHS, REACH, WEEE, ErP	
Configuration	Setup options include Windows®-based ScanMaster/ScanManager, by direct connection or printing out barcode settings			
Accessories	Includes attached cable		Detachable cable, desk / wall mount included with 1100 Optional auto-sense stand for 1100	
Warranty	5 years			

ACCESSORIES

Auto-sense Stand



1100/1105 Holder

Can be used on tabletop
or wall mounted



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.**
J Room, 4F, No.728 West Yan'an Rd.
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 Ave STE 400
Plano, Texas, USA 75074
Tel +1 469 241 9779
Toll Free 888 300 9779
Fax +1 469 241 0697

CipherLab Europe
Flight Forum 40,
5657 DB Eindhoven, The Netherlands
Tel +31 40 295 1510