Scanners

Wired / Handheld

FIVE YEAR WARRANTY
5
CIPHERLAB GUARANTEE OF QUALITY

CIPHER LAB
Smarter

1000 & 1090+
1100 / 1105 / 1200

		1000 K/R/U	1090+	1100	1200
Performance	Category	CCD contact scanner	CCD contact scanner (for codes up to 90mm wide)	Linear imager scanner	Laser scanner
	Optical sensor	2048 pixels	2048 pixels	3648 pixels	Laser
	Light source	Red LED (660 nm)	Red LED (650 nm)	Red LED (630 nm)	Visible laser diode (650 ±15 nm)
	Resolution	3 mil	4 mil (0.1 m)		
	Depth of field (depends on barcode resolution)	0 to 1 cm	0 to 5 cm	2.5 to 20 cm	1 to 63 cm
	Scanning angle	Front: 40° Rear: 70° Left/right: 25° to 25°	Front: 40° Rear: 70° Left/right: 50° to 50°	Front: 40° Rear: 70° Left/right: 50° to 50°	Front: 40° Rear: 55° Left/right: 32.5° to 32.5°
	PCS	Minimum 0.3			
	Scan rate	100 scans/second			35 ± 5 scans/second
	Ambient light rejection Direct sunlight / fluorescent	1200 lux / 2500 lux	Immune to direct exposure to normal office and factory lighting conditions	1000 lux / 2000 lux	86112 lux / 4844 lux
	Autosense mode	n/a		Yes	n/a
	Interfaces supported	Codabar / Code 128 / Code 39 / Code 93 / EAN 128 / EAN 8 & 13 French and Italian Pharmacodes Full ASCII / Industrial 2 of 5 / Interleave 2 of 5 Matrix 2 of 5 / MSI / Plessey / RSS14 / TELEPEN			
	Programmable features	Data editing, interface selection, symbology configuration			
	Language support	US and UK English/French/Italian /Belgian/Norwegian/Swedish/Spanish/Portuguese/German			
Physical	Weight	265 g / 9.3 oz. w/cable	148 g / 5.2 oz.	165 g / 5.8 oz.	190 g / 6.7 oz.
	Color	Ivory		Light grey or dark grey	
	Switch	Rubber switch		Micro switch	
Electrical	Voltage	+5 V ±5%	+5 V ±5%	+5 V ±10%	+5 V ±5%
	Power Consumption Standby / Scanning / Maximum	15 mA / 60 to 80 mA 85 to 110 mA	15 mA / 60 mA / 90 mA	15 mA / 80 mA / 160 mA	15 mA / 170 mA / 250 mA
User Environment	Operating temperature	0°C to 50°C / 32°F to 122°F			0°C to 40°C / 32°F to 104°F
	Storage temperature	-20°C to 60°C / -4°F to 140°F			-40°C to 60°C / -40°F 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		2 m (6.6 ft.) drops	1.2 m (4 ft.) drops
	Electrostatic discharge	Conforms to ±15 kV air discharge and ±8 kV contact discharge			
	EMC regulation	FCC / CE / C-tick / BSMI	FCC / CE / C-tick / BSMI / MIC	FCC / CE / C-tick / BSMI / MIC	FCC / CE / C-tick / BSMI
Configuration		Setup options include Windows® based ScanManager software (included), by direct connection or printing out barcode settings			
Accessories		Includes attached cable	Detachable cable, desk/wall mount included with 1100/1200. Optional autosense stand for 1100.		
Warranty			5 year		1 year

A C C E S S O R I E S

Auto Sense Stand

1100/1105 & 1200 Cradle
Can be used on tabletop or wall mounted

TÜV CERT   DIN EN ISO 9001

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Scanners

Wired / Handheld

Handheld scanners make work easier with fast, accurate bar code scanning in retail, industrial, manufacturing, and enterprise environments. CipherLab's reliable and rugged handheld, wired scanners are designed to help accelerate productivity while minimizing total cost of ownership (TCO).

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Smarter

Comfortable, powerful, hard-working scanners delivering outstanding service and value

Wherever handheld scanners are used – on the shop floor, at the checkout counter, in the manufacturing line, or in the documentation center – they must be comfortable and safe for the user, stand up to tough environments, be cost-effective to operate, and deliver undeniably accurate scans all day long.

CipherLab designs and manufactures the industry's top handheld scanners to provide outstanding, long-lasting service for workers, delivering a high return on investment (ROI). Reliability, user comfort, rugged construction, and low power consumption (50 percent lower than competitors') make CipherLab scanners the ideal choice for long-lasting value in any industry.

1000 & 1090+

When it comes to reading a variety of symbologies and printed materials, the CipherLab 1000 and 1090+ CCD Scanners are ideal for consistently accurate data capture in any environment. Contact scanners eliminate misreading clustered or poorly printed bar codes. Smart ergonomic design with a sturdy thermoplastic polyurethane (TPU) rubber boot make them easy to use and rugged. Auto-discrimination of the barcode type and a CCD imager instead of a laser make them accurate, reliable scanners, with no moving parts to break down. Low power consumption helps minimize TCO and makes these scanners ideal choices for close scanning, even of wider bar codes up to 90 mm with the 1909+.

1100 / 1105

(1105/1105 and 1200 also available in dark grey)

For fast scanning of multiple symbologies, the CipherLab 1100/1105 Retail Linear Imaging Scanners are ideal to boost productivity with low cost of ownership. The 1100 scanner automatically senses symbology type and reads barcodes with 4-mil density up to 20 cm (7.9 in.) away, making them easy-to-use, versatile tools. Built with no moving parts and using double-injection molded, rugged TPU these scanners withstand multiple 2-meter drops onto concrete, providing long-lasting service with low TCO.

1200

Ideal for retail applications, the CipherLab 1200 laser scanner quickly and accurately reads barcodes from one to 64 cm away, allowing you to work smarter and faster. Small size, ergonomic design and light weight make the 1200 scanner easy and comfortable to use all day long.
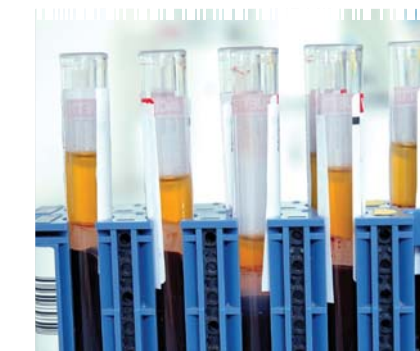
ScanManager™ – software to custom-configure your scanner to any environment

CipherLab ScanManager™ software provides comprehensive tools to configure the scanner, such as enabling and disabling auto-sense mode, choosing edit format, symbology types, and more. With ScanManager software, you can easily customize the scanner to your environment. ScanManager is included with all CipherLab scanners.

CipherLab – the scanner pioneer

LEADERS IN THE INDUSTRY

CipherLab leads the industry with high-quality, rugged scanners that are designed to meet the specific needs of users in a wide range of environments. We acquired our leadership position through over fifteen years of designing and manufacturing scanners, from our first CCD bar code scanner released in 1991 to our most recent announcements of powerful, versatile handheld scanners.

TAKING CARE OF OUR CUSTOMERS

Our customers trust our experience from working with many different industries and providing them scanning solutions to help boost productivity with low TCO. Our scanners can be found in retail, medical, transportation, manufacturing, and financial sectors. That's why we understand the needs of both the industries scanners are used in and the people who handle them all day long. We back our reputation for quality and reliability with a 5-year guarantee on our non-laser handheld scanners.

EXTENSIVE RESEARCH AND DEVELOPMENT

Innovative engineering and design is supported with extensive research and development in optics, electronics, and communications technology. Our R&D scientists ensure operating satisfaction from proof-of-concept to production-line products.

INTERNATIONALLY RECOGNIZED QUALITY

Our commitment to the highest manufacturing quality is recognized around the world by users and businesses that depend on the daily performance of our scanners. We operate under the ISO9000 quality standards and ISO14000 environmental standards certified by international organizations. You can trust CipherLab scanners to deliver dependable operation with a low TCO and high ROI. Our products are recognized around the world for their work and business value:

▸ **RANKED IN TOP FIVE BY RESELLERS**   In 2006, "Vertical Systems Reseller," a leading United States AIDC magazine, rated CipherLab among the top 5 scanner manufacturers.

▸ **RATED IN TOP THREE WORLDWIDE**   In a 2006 Venture Development Corporate survey, end-users ranked CipherLab products in the top 3 best handheld scanners.

▸ **CCD SCANNER SALES TOP $1MM WORLDWIDE**   CipherLab CCD scanners lead worldwide sales with market leadership for quality and reliability.

CIPHERLAB PRODUCTS ARE VALUED WORLDWIDE FOR ENGINEERING EXCELLENCE. OUR HANDHELD SCANNERS ARE ANOTHER EXAMPLE OF TECHNICAL INNOVATION AND QUALITY VALUE FOR TODAY'S AIDC SOLUTIONS.