

# Scanners

Wired / Handheld



		1000 K/R/U	1090+	1100	1200	
<b>Performance</b>	Category	CCD contact scanner	CCD contact scanner (for codes up to 90mm wide)	Linear imaging 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	3 mil	4 mil	
	Depth of field (depends on barcode resolution)	0 to 1 cm 0 to 0.4 in.	0 to 5 cm 0 to 2 in.	2.5 to 20 cm 1 to 7.9 in.	1 to 63 cm 0.4 to 25 in.	
	Scanning angle	Pitch ± 70° Skew ± 40°	Pitch ± 70° Skew ± 70°	Pitch ± 70° Skew ± 70°	Pitch ± 70° Skew ± 32.5°	
	PCS	Minimum 30%				
	Scan rate	100 scans/second			35 ± 5 scans/second	
	Autosense mode	n/a		Yes	n/a	
	Interfaces supported	RS232 / Keyboard wedge / Wand emulation (except 1000) / USB HID / USB Virtual Com / IBM 4683/4694				
	Barcodes supported	Codabar, Code 39, Code 93, Code 128, Industrial 2 of 5, Interleave 2 of 5, Matrix 2 of 5, MSI, Pharmacodes, Plessey, RSS14, Telepen, UPC/EAN, and more				
	Programmable features	Data editing, interface selection, symbology configuration				
	Language support	US and UK English/French/Italian /Belgian/Norwegian/Swedish/Spanish/Portuguese/German				
<b>Physical</b>	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		
<b>Electrical</b>	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	
	Operating temperature	0°C to 50°C / 32°F to 122°F			0°C to 40°C / 32°F to 104°F	
<b>User Environment</b>	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	FCC / CE / C-tick / BSMI / MIC	
	<b>Configuration</b>	Setup options include Windows®-based ScanManager software (included), by direct connection or printing out barcode settings				
<b>Accessories</b>		Includes attached cable	Detachable cable, desk/wall mount included with 1100/1200. Optional autosense stand for 1100.			
<b>Warranty</b>		5 year			1 year	

## ACCESSORIES



©2007 CipherLab Co., Ltd. All specifications are subject to change without notice. All rights reserved.



Auto Sense Stand



1100/1105 & 1200 Holder

Can be used on tabletop or wall mounted



**HEADQUARTERS**  
 CipherLab Co., Ltd.  
 12F, 333 Dunhua S. Rd., Sec. 2  
 Taipei, Taiwan 106  
 Tel +888-2-8647-1166  
 Fax +888-2-8732-2255  
 www.cipherlab.com

**CipherLab USA**  
 2552 Summit Avenue  
 Plano, Texas USA 75074  
 Tel (888)300-9779  
 Fax (469)241-0697

**CipherLab Electronic Trading (Shanghai) Co., Ltd.**  
 Suite 1306, 1065A, Jaojiabang Rd.  
 Xuhui District, Shanghai, China 200031  
 Tel +86-21-33680288  
 Fax +86-21-33680286

**CipherLab (EMEA), Ltd.**  
 Airedale House  
 Clayton Wood Rise  
 Leeds, LS16 6RF, UK  
 Tel +44 (0) 113-274-7823  
 Fax +44 (0) 113-274-7822