

## **CipherLab Announced Its Release of 1090+ CCD Scanner with W.O.F. in 90mm**

CipherLab launched its latest product – 1090+ CCD scanner. Adopting the advantages of model 1000 with low-power consumption, superior cable durability, and TPU material for rubber boot, the 1090+ offers more with the width of field in 90mm. With 2048 pixel optical sensor, and 100 scans per second, not only did 1090+ have excellent reading performance for high-density barcodes, but it also has the ability to accommodate the need of scanning wider ones up to 90mm.

Providing with WAND emulation, keyboard wedge, RS 232 and USB interfaces connectivity in one model, the 1090+ can communicate to different host system by simply substituting the cable and configuring the reader properly. Availability of this particular model will be in late August.



Here are the main features for 1090+ scanner:

- Detachable Cable for Universal Interface. RoHS compliant
- Optical Sensor – 2048 pixels
- Weight – 148g (cable not included)
- Resolution – 0.125mm
- Depth of Field – 0.125 (0 ~ 10mm); 0.33(0 ~ 50mm)
- Width of Field – 90mm
- Scan Rate – 100 scans/sec

Models		1090+		
Electrical	Voltage	+5V±5%		
	Power Consumption	Standby - 15mA Scanning (RS232) - Typical: 60mA; Max (Buzzer+ Indicator): 90mA *connecting to HID (307) will increase 15mA for both typical and max. connecting to Virtual COM (308) will increase 20mA for both typical and max.		
Environmental	Temperature	Operating: 0° C to 50° C Storage: -20° C to 60° C		
	Humidity	Operating: 10 ~ 90% Storage: 5 ~ 95%		
	Shock Resistance	100cm drops onto a concrete surface		
Physical	Weight	148g (cable not included)		
Optional	Optical Sensor	2048 Pixels		
	Light Source	Red LED (650nm)		
	Resolution	0.125mm		
	Depth of Field	0.125 (0~10mm); 0.33 (0~50mm)		
	Width of Field	90mm		
	PCS	0.45 or more		
	Scanning Engine	100 scans/sec		
Features	Interface Type	WAND Emulation, K-B Wedge, RS-232, USB HID, USB Virtual Com		
	Symbology Supported	Code39/Full ASCII, Codabar, Pharma Code, Industrial 2 of 5, Interleave 2 of 5, Code 93, Code 128, EAN 128, MSI, EAN 8 & 13, UPCA & E, Plessey		
	Keyboard Interface	IBM PC/XT/AT & compatible, PS2-30, PS-55		
	Indicator	Buzzer	Programmable Tone	
		LED	Red color for good read; Green color for statue	
	Programmable Features	Code ID, Prefix Code, Postfix Code, Length Code, Barcode type, Buzzer frequency, ISBN/ISSN/CLSI/UK Plessey conversion, Keyboard layout, Inter-character delay, Scanning mode, Language type, Time out, Baud rate, Data bit, Transmission mode, Character Substitution.		
	Data Editing Mode	Three editing formats are supported. The following conditions can be programmed: code type, data length and location. Data can be divided into 6 fields. Five additional fields can be programmed for each editing format. User programmable field transmission sequence.		
	Language Support	English (US), English (UK), French, Italian, Belgian, Norwegian/Swedish, Spanish, Portuguese, German, Others on demand.		

Warranty		1 Year
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