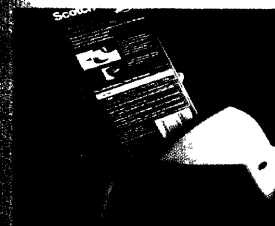




The new 1067 and 1090 CCD barcode scanners are the most advanced leading the market in barcode scanning technology. The 1067 has a scan width of 67mm, while the 1090 has a scan width of 90mm. Both scanners have these functions designed into their electronics with only minor modifications for the 1090. The new 1067 and 1090 come with a standard RS-232C interface capability and optional RS-485. Using the most advanced CCD read electronic technology, we have achieved a high speed scan rate of 10 scans per second coupled with low power consumption. Excellent reading capability, its powerful built-in decoder allows for data read editing programming features. The 1067 and 1090 are fitted with a high quality sensor which allows for easy reading of the most demanding high density, mutilated and colored labels. With their ergonomic light weight scanning design, the 1067 and 1090 fit comfortably in the hand for long periods



1067/1090 CCD Barcode Scanner

Specialities of 1067/1090

- Reading width: 67mm/ 90mm
- High speed scanning engine: 100 scans/sec
- Ergonomic housing for easy handling
- Lowest power consumption (Avg < 31mA)
- Optional cables for K-B Wedge/RS232/Wand/TTL
- Editing modes supported

Application

Keyboard Wedge

1. Boutique

1067/1090 works perfectly under the highly-lit environment, such as Boutique Shop.



Boutique

2. Library

The ergonomic light weight of 1067/1090 fits comfortably in your hand for long periods of use, as application in the Library.



Library

RS232 Serial

Jewelry Shop

Drug Store

1067/1090 allow for accurate reading of most demanding high density and small labels, which are often used for Jewelry Shops, optometry and Drug Store.



Jewelry Shop



Drug Store

Wand Emulation and TTL

1. Warehouse

1090 is very suitable for long barcodes which is common in factory application.

2. Supermarket

1067/1090 read quickly and accurately for Supermarket applications.

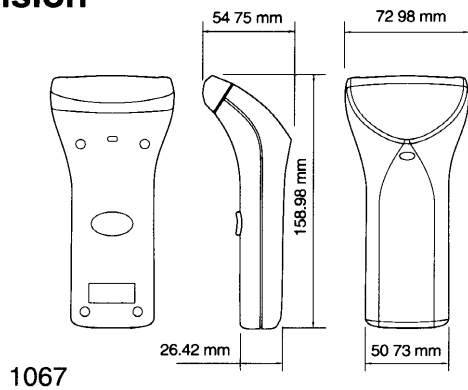


Warehouse

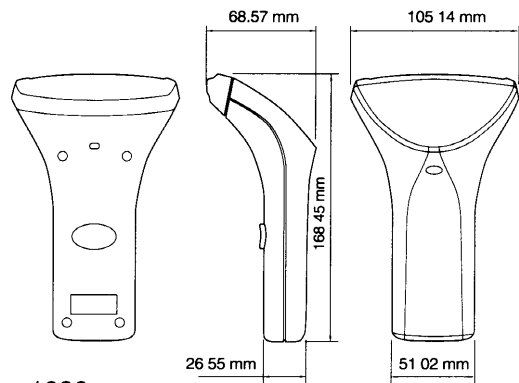


Supermarket

Dimension

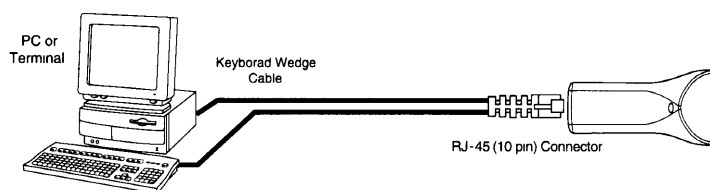


1067



1090

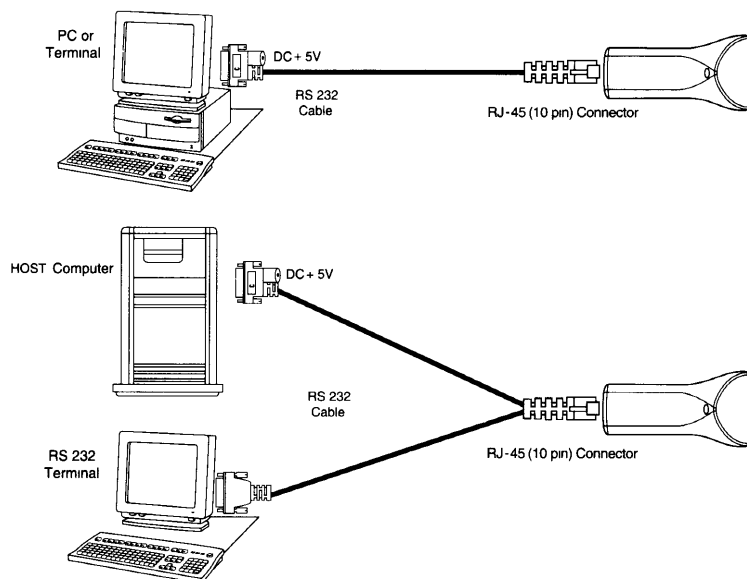
Configuration for Keyboard Wedge Communication



Optional Cable for Keyboard Wedge

K2SD5Y	2m straight cable DIN-5P, Y type connector
K3SD5Y	3m straight cable DIN-5P, Y type connector
K3CD5Y	3m coiled cable DIN-5P, Y type connector
K2SM6Y	2m straight cable Mini-DIN-6P, Y type connector

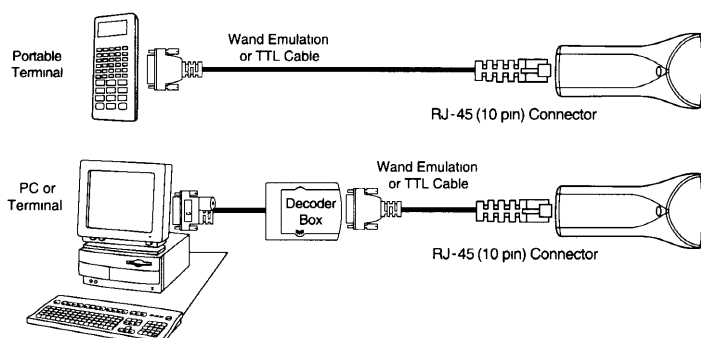
Configuration for RS232 Communication



Optional Cable for RS232

R2SB25	2m straight cable DB-25 pin female conn.
R3SB25	3m straight cable DB-25 pin female conn.
R2SB9Z	2m straight cable DB-9 pin female conn. with DC jack

Configuration for Wand Emulation & TTL Communication



Optional Cable for Wand Emulation & TTL

W2CB9	2m coiled cable DB-9 pin female conn.
W3CB9	3m coiled cable DB-9 pin female conn.
W2CA9	2m coiled cable AMP-9 pin female conn.
T2CA9	2m coiled cable AMP-9 pin female conn.

1067/1090 CCD BARCODE SCANNER

Model		1067	1090
Spec			
Electrical	Voltage	+5V+/-10%	
	Power Consumption Operation (Maximum) (Typical)	<43mA (5.5V, 40degree) <38mA (5V, 25degree)	
Environment	Temperature (operating)	0°C~50°C	
	Temperature (storage)	-20°C~60°C	
	Humidity (operating)	20%~90% (non-condensing)	
	Humidity (storage)	10%~95% (non-condensing)	
	Shock Resistance	100cm drop onto a concrete surface	
Physical	Weight	130g (cable not included)	150g(cable not included)
	Housing	ABS plastic	
	Switch	Rubber switch	
	Color	Ivory	
Optical	Optical Sensor	2048 Pixel (Sensor width=200 μ m)	
	Light Source	Red LED (660 nm)	
	Resolution	0.125mm(1067)	0.15mm(1090)
	Depth of Field	0~10mm	
	Width of Field	67mm	90mm
	PCS	0.45 or more	
	Scanning Engine	80 scans/sec	
	Scanning Angle	Front 10 degree; rear 20 degree Left & right 30 to 30 degree	
	Ambient Light Rejection	1200 lux (Direct sun-light)	
		2600 lux (Fluorescent light)	
Feature	Interface Type	Single unit for different interfaces: K-B Wedge, RS232, Wand Emulation and	
	Symbology Supported	Code 39/Full ASCII EAN8 with ADDON2 UPCE with ADDON5 UPCA Italy Pharma Code EAN8 with ADDON5 Codabar UPCA with ADDON2 French Pharma Code EAN13/UPCA Code 93 UPCA with ADDON5 Industrial 2 of 5 EAN13UPCA with ADDON2 Code 128 Interleave 2 of 5 EAN13/UPCA with ADDON5 MSI Matrix 2 of 5 UPCE Plessey EAN8 UPCE with ADDON2 EAN 128	
	Keyboard Interface	·IBM PC/XT/AT & compatible ·PS2-30 ·PS-55 · IBM 5550 · IBM 3477 ·NCE 9800 ·NEC 5200 ·DEC VT series ·NEC Astra ·Macintosh (ADB) ·Memorex Tele (same with IBM 3486, IBM3192) ·Tele-Vedio 965 ·Unisys TO300 ·WYSE Enhance KBD (US) ·ADDS 1010 ·Hitachi Elles	
	Indicator	Buzzer	Tone and volume programmable
		LED	Red Color for Good Read; Green Color for Status
	Programmable Feature	·Code ID ·Prefix Code ·Postfix Code ·Length Code ·Buzzer volume ·Barcode type and frequency ·ISBN/ISSN/CLSI/UK Plessey conversion ·Inter-character delay ·Scanning mode ·Terminal type ·Language type ·Time out ·Baud rate ·Data bit ·Full/Half duplex,	
	Data Editing Mode	Three editing formats are supported. Following conditions can be programmed: code type, data length, matching string and location. Data can be divided into 6 fields. Five additional fields can be programmed for each editing format. User programmable German field transmission sequence.	
	Language Supported for PC/AT	English (US), English (UK), French, Italian, Belgium, Norwegian / Swedish, Spanish, Portuguese ·German ·Others on demands.	
	Quality apporoved	·FCC class-A approved ·CE approved (EMI, ESD & EMS)	

SYNTECH INFORMATION CO., LTD.

Company:
5F, No. 196-3, Ta-Tung Rd., Sec. 3, Hsi-Chih,
Taipei Hsien, Taiwan, R.O.C.
Tel: 886-2-86916600 Fax: 886-2-8691-7700

