Portable Data Collector

BCP-5000 Series

TYSSO®

Insist on the Best

Smart and Low-priced

Based on the successful BCP-1100 released, Tysso leaps for business field in data collector by launching the BCP-5000 series---barcode data collector with great shape display and editing triple- key.

To meet with broad application demands, the new data collector comes with various pre-defined job formats design, one of noteworthy features making application program effortless and simple, only by downloading updated utility.

Equipped with outstanding power-saving scheme, the battery operated BCP-5000 series is born to cope with long working-hour requirements in the field, moreover, its novel USB charging technique; offer an easy and convenient way for every day usage.
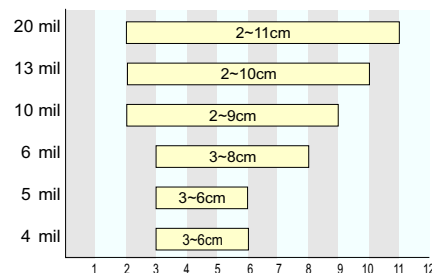
FEATURES

- Pre-defined job formats
- Display and triple-key provide simple navigation
- Alternative models of CCD and laser engine.
- USB or RS-232 two-in-one connectivity
- Rechargeable battery
- Scans with timestamp
- Easy-to-use download and configuration utility
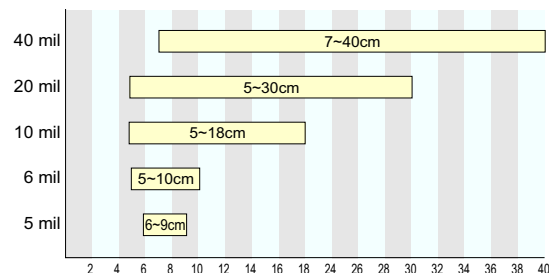- Communication SDK
- Portable or tethered

SPECIFICATIONS

Operation

Nominal Scan Rate	100 scans/sec.
Wavelength	660nm$\pm$10nm for CCD model 670nm$\pm$10nm for Laser model
Maximum Pitch	$\pm$65°
Minimum Skew	$\pm$50°
Minimum Bar Width	4 mil
Scan Pattern	Single scan line
Indicator	Buzzer and LED
Buffer Capacity	224KB for data retention
Triple Key	Shift, Confirm, Count
Display	LCD graphic 128x64 dot-matrix panel with back-light 16 character x 4 line, 8x16 dot display pattern
Communication Cable	USB cable or RS-232 cable
Readable Bar Code Symbologies	EAN, UPC, I 2 of 5, Codabar, Code 39, Code 128, China Postage, Code 32, Code 11, MSI-Plessy, Code 4, RSS Codes

Electrical

Working Voltage	3.2V to 4.2V
Power Consumption (CCD model)	Scanner operating with LCD and back-light on: 210mA Scanner sleep with LCD on: 2.5mA Scanner sleep with LCD off: 2mA
Power Consumption (Laser model)	Scanner operating with LCD and back-light on: 140mA Scanner sleep with LCD on: 2.5mA Scanner sleep with LCD off: 2mA

Battery

Battery Type	Lithium-Ion
Battery Capacity	600mAh good for 30,000 scans per recharge
Charge	By USB cable or external power adapter
Time of Charge	About 2 hours

Software

Utility	Windows based programming and pre-defined jobs down-load utility
SDK	Up-load communication SDK

Operation Environment

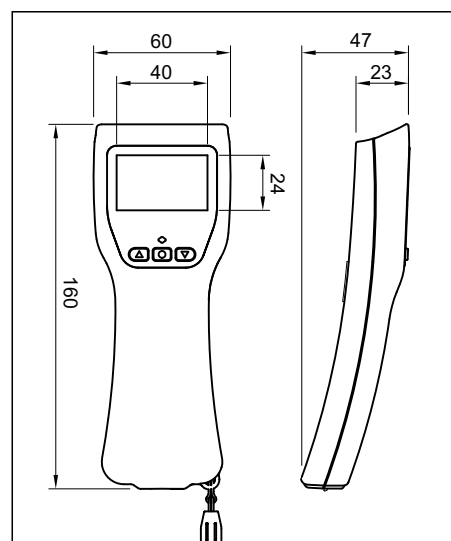|	
Operating Temperature	0°C ~ +45°C (32°F ~113°F)
Storage Temperature	-20°C ~ +65°C (-18°F ~ 149°F)
Relative Humidity	5% to 95% non-condensing
EMI	FCC class A
Ambient Light	3,000 to 8,000 lux

Scan Zone (Based on 90% Code 39)

Scan Zone for BCP-5000

20 mil	2~11cm
13 mil	2~10cm
10 mil	2~9cm
6 mil	3~8cm
5 mil	3~6cm
4 mil	3~6cm

Scan Zone for BCP-5120

40 mil	7~40cm
20 mil	5~30cm
10 mil	5~18cm
6 mil	5~10cm
5 mil	6~9cm

DIMENSION

MODEL NUMBER

BCP-☐☐☐☐ Barcode Poratable Data Collector

5000 ⟶ CCD version

5120 ⟶ Laser version

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