CD-3830

POSIFLEX Long Range CCD Bar Code Scanner

InfoComm Solutions

Description

The CD-3830 CCD Scanner is a lightweight ergonomic design that is comfortable to use, has a fast scan rate and gives reliable performance. With a wide reading aperture and long-range reading depth it's ideal for applications that require flexibility and performance without the high cost of a laser scanner.

The scanner auto-discriminates between bar code standards, and has error-free, industry standard decoding capability. The unit is designed to give reliable consistent service and has been shock-tested with 1.7 metre (5.5-foot) drops on to concrete to ensure reliable performance even with the roughest handling.

Interfaces

The CD3830 can interface to systems via PS/2 Keyboard Wedge, Serial RS232C, or USB. The interface can be easily changed by switching cables and reprogramming the CD-3830 using the scanning menus in the manual. (The Serial Interface also requires a 5 Volt Power Supply. This can be provided by a special cable to a PS/2 port or through a separate Supply.)

Trigger/Continuous Operation

The units can either be trigger operated or run continuously. All models have a flashing LED which operates when in continuous reading mode.

Reading Distance

The reading distance is 0 to 250 mm depending on Bar Code resolution. The reading aperture is a wide 120mm. The CD-3830 is suitable for most PCs, terminals and scanner enabled cash registers.

Standard Features

The CD-3830 Barcode Scanner features:

- CCD Long Range technology
- 120mm reading aperture
- 0 - 250mm scanning distance
- Auto discrimination
- Manual trigger
- Beeper & LED indicator
- Easy replaceable cable
- Includes Bench Stand

Decoding Ability

The CD-3830 Barcode Scanner decoder is an advanced and versatile decoder .It works with variety of bar code types, reading devices, and computer interfaces. It recognizes over twenty different symbologies automatically.

The menus contained in the CD-3830 manual provide an easy way to configure the decoding options and interface selections. This is done by scanning bar codes listed in the menu.

Warranty

The CD-3830 is provided with 12 months return to base warranty. (Freight not included)

CD-3830 Specification

Characteristic	Value
Power Supply	DC 5V +/- 0.25V
Power Consumption	255mA
Standby	120mA
Reading Aperture	120mm
Readable Codes	All standard Bar Codes (20+) others can be ordered
Reading Depth	0~250mm (CODE 39, PCS=90%, 20mils)
Resolution	0.1mm(4mils) Code39,PCS=90%,
PCS Value	0.45min
Light Source	Red LED 660nm
Sensor	Barcode CCD Image Sensor
Flash Mode	Enable
Reading Indicator	Beeper, Red LED
Scanning Rate	200 times/sec
Interface	PS/2 K/B Wedge, Serial RS-232C, USB
Connector	RJ-45 phone jack connector
Operating Temperature	0 < T < 45 C
Operating Humidity	5% < RH < 90% relative
Dimensions	74mm(W) x 182mm(L) x 51mm(H)
Weight	160g

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