CHAMPTEK®

SD320
Barcode Scanner

Introduction

The Champtek SD320 is a well-designed economic handheld CCD scanner which preserved the characteristics of previous product line with " high performance and most cost effective solution" in the market.

The SD320 provides reliable scanning depth from contact to 50mm. The rugged construction and outstanding readability can maximize the reliability and productivity to meet the demands of retail and general commercial applications.
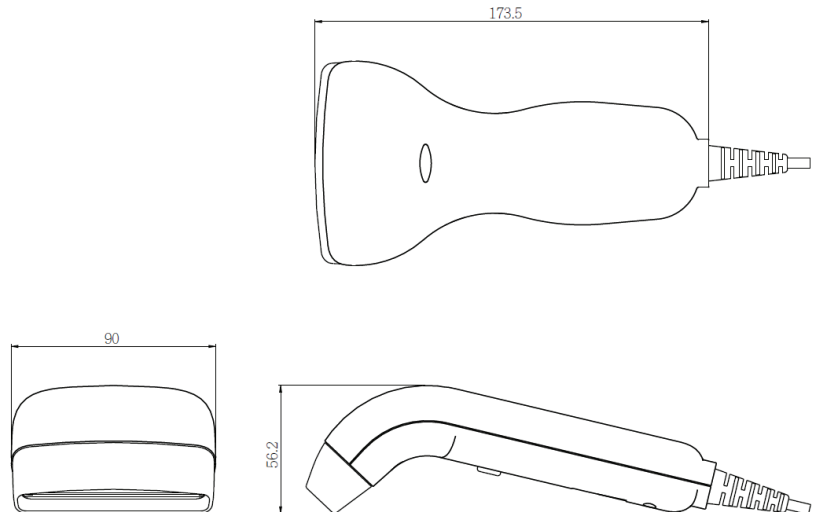
The SD320 is equipped with universal interfaces to support most of host systems, such as PS/2 keyboard, RS232 serial and USB HID by simply replacing the cable. The powerful built-in decoder reads and discriminates all major symbologies, reducing processing time and labor costs, while increasing accuracy. The decoder also allows editing and modifying scanned data before sending it to the host device.

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SD320

Features

- Ideal resolution for retail and general commercial applications
- Reads most commonly used bar code symbologies
- Compatible with most host systems through "all-in-one" universal interface
- Folio style and ergonomic design, available for Beige , Dark Gray and Black color choice

Specifications

Physical Characteristics

Depth	173.5mm
Width	90 mm
Height	56.2mm
Weight	Approx. 4.87 oz(138 g)(w/o cable)
Width Of Window	80 mm
Housing Material	ABS

Electrical

Processor Type	32bits
Voltage	DC +5 V ± 5%
Power Consumption	124mA Max.
EMC	FCC Part 15 Class B, EN55022, EN55024,

Operationl

Light source	Visible red light 632nm LED
Interfaces	RS232, KBW, USB and USB virtual com
Cable	Straight 5 ft.
Connector	RJ45 phone jack connector
Reading Indicator	Beep and LED

Environmental

Operating Temp	0°C to 50°C (32°F to 122°F)
Storage Temp	– 20°C ~ 70°C (-4°F to 158°F)
Relative Humidity	20% ~ 95% (Non – Condensing)
Drop	47.24 inch(120cm) drop on concrete surface
Ambient Light	5000 Lux Max.

Scan Performance

Width of Field	80mm at window, 90mm at 50mm depth
Depth of Field	50mm@20mil/0.5mm, PCS90%
Scan Rate	120 scans per second
Resolution	4mil/0.1mm@PCS90%

Readable Symbologies

GS1 DataBar, UPC / EAN / JAN,Code 39, EAN128, Full ASCII, Code 128, Inteleave 25, Martrix 25, CODABAR / NW7, Code11, MSI / PLESSEY, Code93, China Postage, Code 32 / Italian Phammacy

Due to Champtek's / Scantech ID's continuing product improvement programs, specifications and features are subject to change without notice.