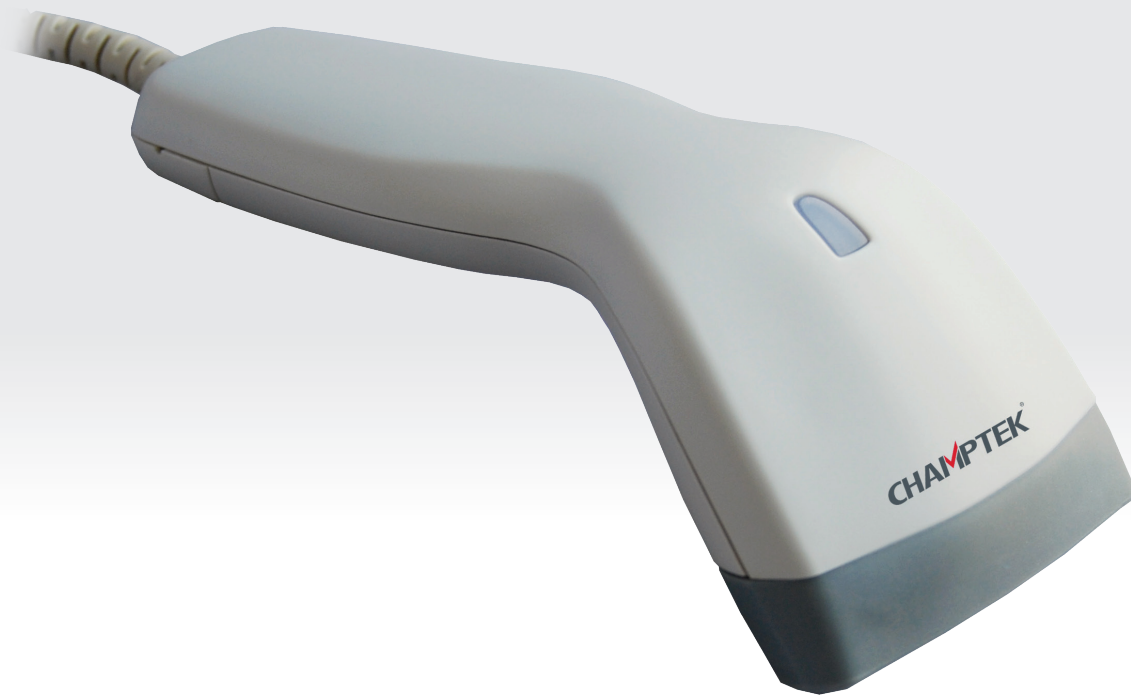


CHAMPTEK®

SD-500

Barcode Scanner



Introduction

The Champtek SD500 is a well-designed handheld CCD scanner which preserved the characteristics of previous product line with "high performance and most cost effective solution" in the market.

Aside from the characteristics of "high performance, high sensitivities and high stability" inherited from Champtek previous products, it also has much user-friendly design. For example, slim body for female cashier, extra-large trigger enable user to access the trigger easily and 1,000,000-lift-times switch for special industry.

In performance, this scanner supports reading depth from contact to 10cm, reading width up to 5 cm on window and 200 scans / per second. It is absolutely the best choice for retailers using POS or regular cash register system.

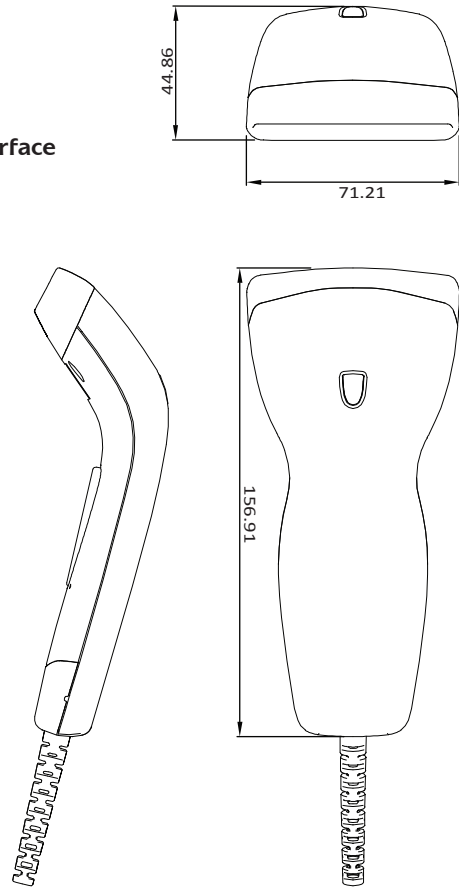
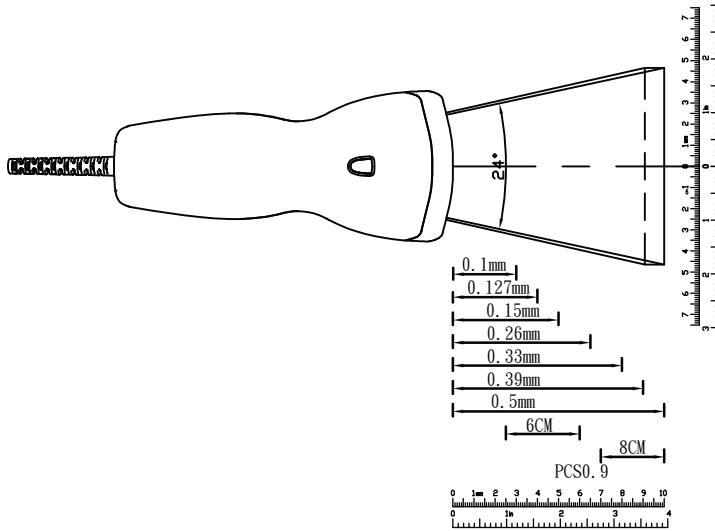
Finally all components are complied with ROHS. It shows the Champtek's efforts to protect our environments.

CHAMPTEK®
We value your ID's

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Features

- Compact and slim size
- Contact to middle reading range
- Long life and user friendly switch button
- Compatible with most host systems through "all-in-one" universal interface



Specifications

Physical Characteristics

Depth	156.91 mm
Width	71.21 mm
Height	44.86 mm
Weight	Approx. 3 oz(85 g)(w/o cable)
Width Of Window	50 mm
Housing Material	ABS & Rubber

Electrical

Voltage	DC +5 V \pm 5%
Power Consumption	120 mA (Typical)
EMC	FCC Part 15 Class B, EN55022, EN55024,

Operation

Light source	Visible red light 635nm LED
Interfaces	RS232, KBW, USB
Cable	Straight 5 ft.
Connector	RJ45 phone jack connector
Reading Indicator	Beeper 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	50,000 Lux Max.

Scan Performance

Depth of Field	100mm@20mil/0.5mm, PCS90%
Scan Rate	200 scans/sec
Resolution	4mil/0.1mm@PCS90%

Readable Symbolologies

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

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