VS800

Compact Bar Code Scanner



A winning combination for any business.
Maximum performance in minimal space.

The VS800 compact scanner was designed specifically for point-of-sale applications, where space is always at a premium and where scanner performance is a critical component of efficiency and success.

The VS800 is the scanner to choose when you need reliable, full-functioned bar code scanning without sacrificing counter space. With optional mounts, operators can position the scanner at various angles to create a work environment that is highly convenient, comfortable, and productive.

A Lot Of Technology In Very Little Space

Using an advanced visible laser diode scanning system, the VS800 offers a large 8" / 20 cm depth-of-field and wide scan area for high-performance, hands-free scanning. With PSC's patented Edge™ software and enhanced decoding capabilities, the VS800 is fast and delivers very high first pass read rates on a variety of bar codes including labels that are long, truncated, partially obscured, or otherwise difficult to read. And it reads codes as small as 5 mils. All this means faster checkout for retail customers.

This versatile scanner autodiscriminates UPC or EAN plus 5 industrial symbologies. And the single, dual, or triple interfaces and extensive programming options deliver the flexibility needed to quickly and easily integrate the VS800 into your POS system.

Advanced Design. Simple Operation. Built For Long Life and Fast ROI.

Items are simply presented or swept by the VS800. The aggressive , omni-directional scan pattern virtually eliminates the need for operator training and minimizes the need to adjust or orient individual items.

The specially designed case of the VS800 is built to survive drops from a counter top and keep right on scanning. And it resists chipping, stains, and fading on its surface as well. With the VS800, maintenance is virtually non-existent. Simply clean the scanner and window periodically and enjoy its productivity year after year.

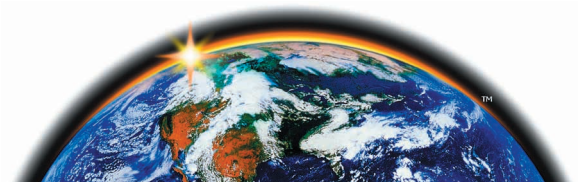
There's no need to make compromises between quality and affordability. The VS800 delivers it all, high-end performance, compact design, and enhanced reliability at a price you can afford.

Ideal For:

- Convenience Stores and Small Grocers
- Specialty Retailers and Pharmacies
- Area Registers in Discount Stores and Supermarkets

Additional Features:

- Standard POS interfaces; connectivity to most systems
- EAS deactivation option; one-step scanning and EAS deactivation
- Multiple mounting options; positions scanner out of the way
- Programmable two-step sleep mode and instant wake up; prolongs scanner life



Specifications
VS800

PRODUCT

Mechanical
Dimensions: 5.9 x 3.4 x 3.0" / 15.0 x 8.6 x 7.6 cm
Weight: 12.8 ozs. / 363 g
Cable length: 8 or 12' / 2.4 or 3.5 m extended

Electrical
Operating voltage: 4.7 V to 14 VDC;
Universal Wedge Version – 5.2 V to 14 VDC
Power consumption: 3 Watts maximum

Decoding Capability
UPC A, E / EAN 8,13 / JAN 8, 13
- Edge™ stitching for UPC A, EAN 13 & Jan

Add-ons
- UPC P2, UPC P5, Code 128

Industriial Codes
- Code 128
- Code 93
- Code 39 (variable length; fixed length label stitching)
- Interleaved 2 of 5
- Codabar
- MSI / Plessey

2 label read
Autodiscrimate UPC Edge with Add-ons & 5 industrials

Optical
Light source: 650nm Visible Laser Diode (VLD)
Scan system: Rotating polygon
Scan pattern:
- Ominidirectional mode: 20 lines
- Scan speed: 1,500 lines per second (lps)
- Scan angles: 5

Motor:
- Speed: 4,500 rpm
- Speed to read (from motor off): <500 ms

Depth-of-field: Refer to chart on this page
Resolution (minimum): 5 mils / 0.13 mm
Print contrast ratio: 50% minimum
Label orientation:
- Pitch & Skew: ±80°
- Roll: 0° to 360°

Ambient Light tolerance:
200 foot candles / 2100 lux maximum

Environmental
Temperature rating:
- Operating: 32° to 104° F / 0° to 40° C
- Storage: -40° to 158° F / -40° to 70° C

Humidity: 5 to 95% NC
Shock (at 23° C)**:** withstands multiple 3-ft. / 1 m drops
Water & Dust: Resistant, IEC529 rating IP53

Communications
Single interfaces:
- RS232
- IBM 46XX
- IBM USB Embedded
- OCIA
- Standard KBW
- Universal KBW
- USB expanded through Universal KBW
- Wand emulation

Dual interfaces:
- KBW / RS232
- IBM / RS232
- OCIA / RS232

Triple interface:
- RS232 / KBW / IBM

Safety & Regulatory
Electrical: Gost R; TÜV; UL; cUL
Emissions: Complies to FCC-A; BCIQ CNS 13438; EN 55022-B; AS/NZ 3458; VCCI-B
Laser classification: CDRH Class IIa;
(CAUTION: Laser radiation when open - do not stare into beam);
IEC 60825 Class 1

Other
EAS compatability
Integrated EAS hardware will owrk with Counterpoint IV, V, VI, and VII models available from Checkpoint Systems.

Available Mount Options


P/N: 7-0448
Universal Fixed


P/N: 7-0449
Universal Fixed (tilt & swivel)


P/N: 7-0482
Gooseneck Flexible


P/N: 7-0611
Gooseneck Flexible (flat)

Depth-of-Field Chart
(printing resolution, contrast and ambient light dependent)

Label Density	*Range*
5 mil	3.0" to 5.0" / 8.0 to 13.0 cm
7.5 mil	2.5" to 9.0" / 6.0 to 23.0 cm
10 mil	2.5" to 13.0" / 6.0 to 33.0 cm
13 mil	2.5" to 19.0" / 6.0 to 48.0 cm

Corporate Headquarters
PSC Inc.
959 Terry Street
Eugene OR 97402-9150 USA
Tel: 800 695 5700 or 541 683 5700
Fax: 541 345 7140

Specifications are subject to change without notice.
Additional information concerning this product or other PSC products and services can be found at the PSC website: ***www.pscnet.com,*** or contact your PSC representative for more information.