

SnapShot®

Handheld Laser Scanner



Ideal for:

- Retail and office applications

Features:

- Compact, ergonomic design
- Three laser trigger modes
- Dual serial and keyboard wedge interface
- Supports all popular bar code symbologies
- Low power consumption

Non-contact Handheld Laser Scanner

The SnapShot® laser scanner is the right choice for fast, accurate, non-contact scanning. It is a cost-effective laser scanner featuring an ergonomic design, fast, aggressive scanning performance, and a number of features not found in most laser scanners.

Lightweight and compact, the SnapShot® scanner withstands repeated five-foot drops to concrete. Non-contact scanning enables the user to easily read bar codes on flat, curved and irregular surfaces up to distances of 36.0" / 91.4 cm. The SnapShot® scanner operates in normal office, retail and light industrial environments.

Versatile Performance

The SnapShot® scanner is available in undecoded or decoded models. The decoded models can be connected to any supported PC or terminal as either a keyboard wedge or a serial device. Undecoded models must be used with PSC PowerWedge® decoders (or similar decoders) or with portable data collection terminals including the PSC PT 2000® and Falcon® portable terminals. Choose between standard, enhanced, or high density performance for both decoded and undecoded models. Additionally, decoded models feature four types of programming methods (bar code label, bar code batch, serial batch, and on-screen) and offer full keyboard support.

Convenient Connectivity

Cabling options for the SnapShot® scanner are easy to install and configure. Each cable features an RJ-45 connector on one end which plugs into the SnapShot® scanner base. The other end of the cable can be ordered to your specific model and application and includes PC DIN (AT), Mini DIN (PS2), 9- and 25-pin RS-232 serial and an adapter cable which allows you to configure your SnapShot® scanner to work with any one of the 300 computers and terminals supported by the PowerWedge® 20.

For big performance in a small, ergonomic design nothing beats the SnapShot® laser scanner.



PRODUCT

Mechanical

Dimensions

Height: 5.4" / 13.7 cm
Width: 2.3" / 5.8 cm
Depth: 3.3" / 8.4 cm

Weight: 5.0 oz. / 142 g

Cable

Length: 6.0' / 1.8 m
Weight: 3.3 to 4.2 oz. / 93.6 to 119.1 g

Environmental

Temperature rating

Operating: 32° to 122° F / 0° to 50° C
Storage: -40° to 140° F / -40° to 60° C

Humidity: 5 to 95% NC

Shock: multiple 5.0' / 1.5 m drops to concrete

Vibration: operates in retail, office and commercial environments

Decoding Capability

(autodiscriminates between)

UPC A, E / EAN 8,13 / JAN 8, 13
(P2 / P5, Code 128 EAN add-ons)

Code 128 Code 11

Code 39 Code 39 Full ASCII

Code 93 Codabar

Interleaved 2 of 5 Standard 2 of 5

Matrix 2 of 5 Ames

Label Codes 4/5 MSI / Plessey

ISBN / ISSN conversion

Electrical

Operating voltage

Undecoded: 4.50 VDC to 5.50 VDC
Decoded: 5.00 VDC to 14.00 VDC

Operating current - nominal

Undecoded: 85mA @ 5 VDC
Decoded: 170mA @ 5 VDC

Idling current - low power mode

Undecoded: 10µA @ 5 VDC
Decoded: 40mA @ 5 VDC

Optical

Light source

Undecoded & Decoded: 670nm VLD
(Visible laser Diode)

Scan rate: 36 scans / sec.

Depth-of-Field: Refer to chart below

Print contrast ratio: 0.2 minimum

Pitch: ±55°

Skew: ±65°

Ambient light immunity

Artificial light: 450 ft-candles / 4,844 lux
Sunlight: 8,000 ft-candles / 86,112 lux
Immune to direct exposure to normal office, retail, and factory lighting conditions

Safety & Regulatory

Electrical: Complies to UL

Emissions: FCC Part 15 - Class A

Laser classification: CDRH Class II;

(CAUTION: Laser Radiation - do not stare into beam);
IEC Laser Class 2



Options - Decoded Scanner ONLY

General

Host compatibility; Select automatic terminator; Add intercharacter delay; Add CCD/laser redundancy check; Three trigger modes (main input only); Adjustable good read beep pitch volume/quantity; Change upper case to lower case; Enable/disable the programming methods to enter PROGRAM mode; Operates without keyboard

Input editing

Enable/disable four data editors; Define data qualifiers (bar code type(s), bar code length(s)); Define data fields by length or delimiters; Define fields (up to 16) of text and action keys to be added to data string; Define output sequence of data fields and added data fields; Define output redirection

Bar code programming

Select bar code type(s); Set minimum maximum lengths for each bar code type; Convert UPC-E bar codes to UPC-A format; Convert UPC-A barcodes to EAN/JAN format; Enable/disable checksum and check digits where valid; Enable/disable UPC system digit, and check digit, and EAN/JAN country code; Add user-defined preamble/postamble to each transmission; Indicate bar code type; Bar code menu; Interactive on-screen menu; Bar code label; Serial batch file

Serial communications

Baud rate: 300 to 56.7Kbps; Adjustable bits, parity, stop; XON/XOFF; User-defined EOR; EOR or ACK/NAK protocol; Host response required; Host controlled indicators

Interface

Keyboard wedge, RS232

Available Accessories



P/N: 00-351-00
Hood



P/N: 00-350-00
Adjustable Stand

Depth-of-Field Chart (printing resolution, contrast and ambient light dependent;
*Minimum distance determined by symbol length and scan angle)

Label Density	Standard Decoded	Enhanced Decoded	High Density Decoded
2.5 mil			2.3" - 2.8" / 5.8 - 7.1 cm
5 mil	2.0" - 4.0" / 5.1 - 10.2 cm	3.0" - 5.0" / 7.6 - 12.7 cm	2.0" - 5.0" / 5.1 - 12.7 cm
7.5 mil	1.5" - 7.2" / 3.8 - 18.3 cm	2.5" - 9.0" / 6.4 - 22.9 cm	2.0" - 5.5" / 5.1 - 14.0 cm
13 mil	2.0" - 12.0" / 5.1 - 30.5 cm	2.5" - 16.0" / 6.4 - 40.6 cm	2.8" - 6.5" / 7.1 - 16.5 cm
20 mil	*0" - 14.0" / 0 - 35.6 cm	*0" - 22.0" / 0 - 55.9 cm	
40 mil	*0" - 18.0" / 0 - 45.7 cm	*0" - 30.0" / 0 - 76.2 cm	
55 mil	*0" - 23.0" / 0 - 58.4 cm	*0" - 36.0" / 0 - 91.4 cm	

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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.



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