QuickScan® qs7000

Handheld Laser Scanner



Ideal for:

- - Area registers Inventory

Features:

- Reads Reduced Space Symbology (RSS)
- Ergonomic "aim and shoot" design with large, two-color LED

Superior Performance and Durability to Enhance Productivity

The QuickScan® QS7000 Handheld Laser Scanner is a high performance addition to PSC's QuickScan® product family. Features of this innovative scanner include a bright, two-color LED display, superior depth-of-field, multiple interfaces built into every scanner and the ability to read RSS bar codes. All with the top-quality and reliability you've come to expect from PSC.

Ergonomically Designed with the User in Mind

The QS7000 was designed with the user in mind. A lightweight, ergonomic enclosure and aim-and-shoot design minimizes operator fatigue and boosts productivity. The bright, two-color LED and adjustable beeper give the user instant feedback for optimum efficiency. And with the best depth-of-field of any QuickScan® handheld, the QS7000 reads codes in many different applications.

Exceptional Connectivity

The QS7000 is available in decoded and undecoded models. With multiple interfaces (RS232, Keyboard Wedge, Wand Emulation, IBM 46XX and USB) onboard, you will be able to connect easily to a variety of PCs and terminals. You'll also be able to configure your scanner to your particular needs with Advanced Data Formatting. And with flash memory, you'll be able to upgrade your scanner with the latest product updates.

Reading into the Future

The QS7000 has the ability to read Reduced Space Symbology bar codes, and is GTIN compliant. And to back up the quality and reliability of the scanner, PSC provides a five-year factory warranty, which gives it a low cost of ownership. Engineered to provide the highest quality and reliability with the latest available features, the QS7000 will meet the needs of your scanning application for years to come.





Specifications

OuickScan® os7000

These product 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.

Mechanical

Dimensions: 6.7 x 3.4 x 2.8" (16.7 x 8.5 x 7.0 cm) Weight: 5.6 oz. (160 g) without cable Cable: Removable 6.0' (1.8 m) - straight (For other cable options, contact your PSC sales representative.)

Optical

Light source: 650 nm Visible Laser Diode (VLD) Scan system: Bi-directional, Retrocollective

Rate: 35 ± 5 scans/sec.

Depth-of-field: Refer to chart below

Resolution: 5 mils (0.13mm)

Print contrast: 30% minimum reflective difference

Pitch: ±65° Skew: ±55°

Ambient light immunity

Artificial light: 450 foot candles (4,844 Lux) Sunlight: 8,000 foot candles (86,112 Lux)

Depth-of-Field Printing resolution, contrast and ambient light dependent											
Label Density	Range										
5 mils	1.0	to	4.5"	/	2.5	to	11.4 cm				
7.5 mils	1.0	to	7.0"	/	2.5	to	17.8 cm				
10 mils	1.0	to	11.0"	/	2.5	to	27.9 cm				
13 mils	0.5	to	17.0"	/	1.3	to	43.2 cm				
20mils	0.5	to	26.0"	/	13	to	66.0 cm				

Electrical

Operating voltage

Undecoded: 4.75 V to 14 VDC

Decoded: 5 VDC ±10%

Operating current - nominal Undecoded: 90 mA at 5 VDC Decoded: 120 mA maximum

Power Sources:

Undecoded: Power supplied by

interface controller

Decoded: Host power or external power supply

Environmental

Temperature

Operating: 32° to 104° F (0° to 40° C) Storage: -40° to 140° F (-40° to 60° C(

Humidity: 5 to 95% NC

Shock (at 23°C): Withstands multiple 5.0' (1.5 m) drops onto concrete



QS7000 Stand

Decoding Capability

Decoded:

 UPC A, E / EAN 8,13 / JAN 8,13 (with supplementals)

UCC/EAN 128

 Code 39 Code 39 Trioptic

 Code 39 Full ASCII • Pharmacode 39

· Code 128

• ISBT 128 • Interleaved 2 of 5 Codabar

Code 93

• Discrete 2 of 5 MSI/Plessey

RSS-14 Standard

· RSS-14 Stacked

RSS-14 Limited

· RSS-14 Expanded

Undecoded:

· Determined by interface

Communications

Decoded:

· RS-232

· Keyboard Wedge

· Wand Emulation USB

· IBM 468X/469X

Synapse

Undecoded:

· Determined by interface controller

Safety & Regulatory

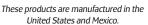
Electrical: Certified to UL1950, CSA C22.2 No. 1950, EN60950/IEC60950

Emissions: FCC part 15 Class A, ICES-0003 Class B, European Union EMC Directive, AS/NZS 3548 (Australia/New Zealand)

Laser classification: CDRH Class II: IEC Class 2 (ATTENTION: Laser Light - do not stare into beam)







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