

# QuickScan® QS7000

Handheld Laser Scanner



#### **Ideal for:**

- Retail Applications
  - POS
  - Area registers
  - Inventory
- Office Automation
- Medical and document tracking
- Light Industrial

#### **Features:**

- Reads Reduced Space Symbology (RSS)
- Ergonomic “aim and shoot” design with large, two-color LED
- Multiple Interfaces in one scanner
- Backed by a five-year factory warranty.

#### **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

## QuickScan® QS7000

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](http://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" / 1.3 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 Full ASCII
  - Code 39 Trioptic
  - Pharmacode 39
  - Code 128
  - ISBT 128
  - Codabar
  - Interleaved 2 of 5
  - Discrete 2 of 5
  - Code 93
  - 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
  - IBM 468X/469X
  - USB
  - 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)



These products are manufactured in the United States and Mexico.

### PSC Inc.

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

### PSC Worldwide Sales and Service locations

Australia Tel: 61 2 9878 8999 Fax: 61 2 9878 8688	Belgium Tel: 32 2 414 74 09 Fax: 32 2 410 11 63	Brazil Tel: 55 11 5507 7721 Fax: 55 11 5507 7696	Chile Tel: 562-339-7003 Fax: 562-946-1685	China Tel: 86 10 6857 9048 Fax: 86 10 6857 8699	China - South Tel: 86 20 8765 9955 Fax: 86 20 8765 9955	France Tel: 33 1 64 86 71 00 Fax: 33 1 64 46 72 44	Germany Tel: 49 6151 93580 Fax: 49 6151 935858
Hong Kong Tel: 852 25846210 Fax: 852 25210291	India Tel: 91 11 464 1662 Fax: 91 11 464 1662	Italy Tel: 39 039 629031 Fax: 39 039 6859496	Japan Tel: 81 3 3491 6761 Fax: 81 3 3491 6656	Latin America Tel: 1 305 539 0111 Fax: 1 305 539 0206	Singapore Tel: 65 435 1311 Fax: 65 226 1242	Spain Tel: 34 91 203 65 00 Fax: 34 91 203 65 01	Sweden Tel: 46 4010 84 92 Fax: 46 4010 84 91
Turkey Tel: 90 212 23691 15 Fax: 90 212 23691 16	United Kingdom Tel: 44 1923 809500 Fax: 44 1923 809505						

