

# QuickScan® QS3500 & QS3000

Handheld Laser Scanners



#### **Ideal for:**

- All in-store applications
  - POS
  - Area Registers
  - Inventory
- Office and medical applications

#### **Features:**

- Reads Reduced Space Symbology (RSS)
- Ergonomic design
- Multiple Interfaces in one scanner
- Large bright LED and beeper with adjustable volume
- Two configurations – triggered and triggerless
- Five-year factory warranty

#### **Ergonomic and Innovative Design Combined with Value and Performance.**

The QuickScan® QS3500 and QS3000 Handheld Laser Scanners offer powerful scanning in an ergonomic and innovative design. With a large, bright LED window and adjustable beeper, the QS3500 and QS3000 ensure fast user feedback. Both models read RSS bar codes and are GTIN ready. The QS3500 and QS3000 will meet the needs of users requiring affordable performance and value in point-of-sale, medical, and light industrial applications.

Backed by a five-year warranty, the QS3500 and QS3000 provide excellent durability and reliability. With a five-foot drop specification and wide operating temperature range, the QS3500 and QS3000 will perform well in a variety of applications.

#### **The QuickScan® QS3500**

The QS3500 is a triggered handheld scanner, available in decoded and undecoded versions. With multiple interfaces (RS232, Keyboard Wedge, Wand Emulation, IBM 46XX and USB) on board, 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.

#### **The QuickScan® QS3000**

The QS3000 is a triggerless version of the QS3500. It features the same multiple interfaces built-in, along with Advanced Data Formatting and flash memory. The QS3000 is available only in a decoded model. An optional hands-free stand allows you to have both a counter top and a handheld scanner.

#### **Get Laser Scanning at an Affordable Price**

The QS3500 and QS3000 are members of the QuickScan® family of value-priced scanners. All QuickScans provide superior performance, with advanced ergonomic design and enhanced durability, adding up to one of the best values in the industry.



# Specifications

## QuickScan® QS3500 & QS3000

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:** 5.3 x 2.2 x 2.5" (13.4 x 5.7 x 6.4 cm)

**Weight:** 4.2 oz. (120 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:** 50 ±6 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)

### Electrical

**Operating voltage**

QS3500 Undecoded: 4.75 V to 14 VDC

QS3500 & QS3000 Decoded: 5 VDC ±10%

**Operating current - nominal**

QS3500 Undecoded: 100 mA at 5 VDC

QS3500 & QS3000 Decoded: 120 mA maximum

**Power Sources:**

QS3500 Undecoded: Power supplied by interface controller

QS3500 & QS3000 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

### Decoding Capability

QS3500 & QS3000 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
- Code 11

- MSI/Plessey
- RSS-14 Standard

- RSS-14 Stacked
- RSS-14 Limited

- RSS-14 Expanded

QS3500 Undecoded:

- Determined by host

### Communications

QS3500 & QS3000 / Decoded:

- RS-232

- Keyboard Wedge

- Wand Emulation

- IBM 468X/469X

- USB

- Synapse

QS3500 / 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 (QS3500 & QS3000);

IEC Class 2 (QS3500); IEC Class 1 (QS3000)



(ATTENTION: Laser Light - do not stare into beam)



These products are manufactured in the United States and Singapore.

Depth-of-Field — Printing resolution, contrast and ambient light dependent		
Label Density	QuickScan® QS3500 Range	QuickScan® QS3000 Range
5 mils	0.0 to 2.0" / 0.0 to 5.1 cm	0.0 to 2.0" / 0.0 to 5.1 cm
7.5 mils	0.0 to 5.0" / 0.0 to 12.7 cm	0.0 to 4.0" / 0.0 to 10.2 cm
10 mils	0.0 to 7.0" / 0.0 to 17.8 cm	0.0 to 6.0" / 0.0 to 15.2 cm
13 mils	0.0 to 9.0" / 0.0 to 22.9 cm	0.0 to 8.0" / 0.0 to 20.3 cm
20mils	2.0 to 15.0" / 5.1 to 38.1 cm	0.5 to 11.0" / 1.3 to 27.9 cm



QS3X00 Stand

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