QuickScan® QS1000

Handheld Scanner

Sleek Design and Powerful Performance. A Winning Combination in an Affordable Bar Code Scanner.

Get Laser Scanning Performance at a Price that will Surprise You

The QuickScan® QS1000 scanner offers you all the benefits of laser scanning in a great, auto-triggering package. The triggerless design, snappy scanning, and optional "hands-free" stand give you enhanced performance at the point-of-sale — performance rarely found at such an affordable price.

The QS1000 consistently delivers speed and flexibility whether used at the point-of-sale checkout or for office, service, or medical applications. It has an incredibly fast "speed-to-read" rate when compared to other scanners in its class. When you're weighing price vs. performance, you don't need to look any further than the QS1000 scanner. The performance to price ratio is unparalleled, and the design is truly unique.

Innovative and Intelligent Design

The QS1000 was built to be handled... a lot. Providing user comfort "from the hand to the stand," and back again, was the primary consideration in its external design. The triggerless function and ergonomic design provide a sleek, attractive scanner that is as easy to use as it is comfortable.

The QS1000 is built smart on the inside too. A beryllium copper scan element provides incredibly high durability, and anti-shock mounts that can absorb up to 1,500 Gs protect the reading engine and optics. In even the toughest environments, you can rely on the QS1000 to keep right on performing—even with repeated 5.0' / 1.5 m drops to concrete.

The QuickScan QS1000 Talks Your Language

With remarkable connectivity, the QS1000 supports all popular POS interfaces and keyboard wedges. The QS1000 autodiscriminates all major bar code symbologies, and fully supports the UPC/EAN family of add-ons and code extensions.

The high visibility laser diode gives the QS1000 superior reading capabilities in bright light conditions, and advanced signal processing provides exceptional performance even on low contrast bar codes.

Ideal for:

- Handheld or on-counter mounting
- Area registers and at the front-end checkout
- Anywhere you need laser performance at an affordable price

Features

- Sleek, triggerless design using LaserSense™ technology
- Optimized for use in a stand
- Unbeatable price / performance ratio

Specifications
QS1000

Mechanical
Dimensions: 8.60 x 2.67 x 2.08" / 21.8 x 6.8 x 5.3 cm
Weight:
Scanner Only: 6.2 oz. / 176 g

Optical
Light source: Visible Laser Diode (VLD), 650 nm
Scan system: Electromagnetic dithering mirror
Rate: 42 scans/sec. (nominal)
Depth-of-field: Refer to chart on this page
Resolution: 5 mils (0.13mm)
Print contrast ratio: 30% minimum
Pitch: ±65°
Skew: ±55°
Scan angle: 46°
Ambient light immunity:
Artificial light: 1,200 foot candles / 12900 Lux
Sunlight: 8,000 foot candles / 86100 Lux

Electrical
Operating voltage
Undecoded: 4.2 V to 14 VDC
Decoded: 3.8 V to 20 VDC
Operating current – nominal
Undecoded: 100mA @ 5 VDC
Decoded: 120mA @ 5 VDC
Idling current – nominal
Undecoded: 70mA @ 5 VDC
Decoded: 110mA @ 5 VDC

Environmental
Temperature rating
Operating: 32° to 122° F / 0° to 50° C
Storage: -40° to 158° F / -40° to 70° C
Humidity: 5 to 95% NC
Shock (at 23°C): withstands multiple 5.0' / 1.5 m drops onto concrete / 100+ drops to countertop

Decoding Capability
- UPC A, E / EAN 8, 13 / JAN 8, 13 (P2 / P5, Code 128 EAN add-ons)
- Code 128/EAN 128
- Code 93
- Code 39
- Pharmacode 39
- Interleaved 2 of 5
- Standard 2 of 5, IATA
- Codabar

Communications
- RS232 and Keyboard Wedge
- Universal Wedge

Safety & Regulatory
Electrical: Complies to Gost R; TÜV; UL; cUL
Emissions: Complies to FCC-A; EN 55022-B BCIQ CNS13438; AS/NZS 3548; VCCI-B
Laser classification: CDRH Class II; (CAUTION: Laser Radiation – do not stare into beam); IEC 60825 Class 2
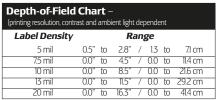
Depth-of-Field Chart – (printing resolution, contrast and ambient light dependent							
Label Density	**Range**						
5 mil	0.5"	to	2.8"	/	1.3	to	7.1 cm
7.5 mil	0.0"	to	4.5"	/	0.0	to	11.4 cm
10 mil	0.0"	to	8.5"	/	0.0	to	21.6 cm
13 mil	0.0"	to	11.5"	/	0.0	to	29.2 cm
20 mil	0.0"	to	16.3"	/	0.0	to	41.4 cm

Available Mount Options

P/N: 7-0446
Stand
(included w/scanner)

P/N: 7-0622
Gooseneck Flexible
(flat)

QS1000

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.