QuickScan® QS2500

Linear Imager Handheld Scanner

Performance That You Expect From PSC

The QuickScan® QS2500 Linear Imager Handheld Scanner is the newest member of the QuickScan® product family. For retail, office, and light-industrial applications, the QS2500's 200 scans-per-second linear imager scan engine provides snappy reading performance and an extended depth-of-field. And the QS2500 also reads poorly printed bar code labels quickly and easily.

Loaded with Features for Today and Tomorrow

The QS2500 is capable of reading a wide range of bar code symbologies, including Reduced Space Symbology (RSS) and PDF417, allowing you flexibility in reading now and in the future. It also features flash memory for easy software upgrades, along with programming and label editing. Its enclosure is lightweight and ergonomic, and a hands-free tabletop stand is available.

Outstanding Durability and Reliability

The QS2500's Linear Imager scan engine has no moving parts and will reliably read for years to come. It withstands 5' (1.5m) drops to concrete and has an IP42 sealing rating to protect it in most indoor applications. In addition, the QS2500 utilizes the same high-quality interface cables shared by other PSC handhelds, including the rugged PowerScan™ industrial handheld scanner. And the QS2500 is backed by PSC's three-year factory warranty on the scanner and a one-year warranty on PSC interface cables.
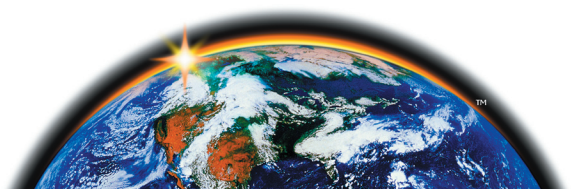
Exceptional Value

The QS2500 is loaded with performance, features and reliability, all at a surprisingly low price. Its three-year warranty and low purchase price minimize your cost of ownership. The QS2500 is an exceptional value!

Ideal for:

- Retail applications
- POS and area registers
- Inventory
- Office automation
- Medical and document tracking
- Light industrial

Features:

- *Aggressive reading and an extended depth-of-field*
- Reads Reduced Space Symbology (RSS), PDF417 and linear codes for flexibility
- Ergonomic "aim and shoot" design
- Reliable and durable, providing long lasting performance

Specifications
QS2500

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
Length: 4.5" (11.4 cm)
Width: 2.9" (7.4 cm)
Height: 7.3" (18.5 cm)
Weight: 6.3 oz. (179 g), cable not included

Optical
Light source: 660 nm Visible Red Diode
Scan rate: 200 scans/sec.
Scan width: 4.0" (10.2 cm) at 5.0" (12.7 cm) from the label
Depth-of-Field: Refer to chart below
Resolution: 5 mils (0.13mm)
Print contrast ratio: 25% or higher
Pitch: ±60°
Skew: ±75°
Scan angle: 46°
Ambient light immunity
Artificial & sunlight: 6,968 foot-candle (75,000 Lux)

Electrical
Operating voltage: +5 VDC ±5%
Operating current
Operating: 225 mA @ 5 VDC
Standby: 100 mA @ 5 VDC

Environmental
Temperature
Operating: 32° to 113° F (0° to 45° C)
Storage: -22° to 149° F (-30° to 65° C)
Humidity: 5 to 95% NC
Shock: Withstands ten 5.0' (1.5 m) drops onto concrete
Physical shock: 1500 g, 1 ms
Water & Dust: Resistant, IEC 60529 rating IP42DW
ESD protection: Functional after 15kV discharge

Communications
· RS-232
· Keyboard Wedge/Wand Emulation
· USB (standard keyboard type)

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
10 mils	0.5" to 8.5"	1.3	to	21.6 cm
13 mils	0.5" to 11.0"	1.3	to	28.0 cm
20mils	1.0" to 16.0"	2.5	to	40.6 cm

Decoding Capability – *Autodiscriminates*
· UPC A, E / EAN 8,13 / JAN 8, 13 (including add-ons P2 / P5, Code 128)
· Code 128
· Pharmacode 39
· Codabar
· Industrial 2 of 5
· RSS 14
· RSS Expanded
· MSI/Plessey
· Telepen
· Code 11
· Code 93
· Code 39
· Interleaved 2 of 5
· Matrix 2 of 5
· RSS-14 Stacked
· RSS Limited
· UK/Plessey
· Code 16K
· PDF417 w/audio assist

Safety & Regulatory
Electrical: Complies to – UL; cUL; EN60950
Emissions: Complies to – FCC; EN 55022; BSMI CNS 13438; AS/NZS 3548; VCCI

This product is manufactured in Taiwan.

Gooseneck Tabletop Stand
P/N: 8-0591

Mountable Desktop Stand
P/N: 7-0393