

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 a mid-range depth-of-field (up to 8.0" / 20.3 cm). 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 has an available hands-free tabletop stand.

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:

- Reads Reduced Space Symbology (RSS), PDF417 and linear codes for flexibility
- Ergonomic "aim and shoot" design
- Reliable and Durable providing long lasting performance
- Low Power Consumption for use in POT applications
- Full 8" / 20.3cm DOF



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: 7.1" / 18.2 cm
Width: 1.1" / 2.6 cm
Height: 6.5" / 16.7 cm
Weight: 6.3 oz. / 150 g (cable not included)
Scan window: 5.0" / 12.5 cm at 4.0" / 10.0 cm

Optical

Light source: 660 nM Visible Red Diode
Scan rate: 200 scans/sec.
Depth-of-Field: Refer to chart on this page
Resolution: 5 mils / 0.13mm
Print contrast ratio: 35% or less
Pitch: $\pm 60^\circ$
Skew: $\pm 75^\circ$
Scan angle: 46°
Ambient light immunity
Artificial & sunlight: 6,968 foot-candles / 75,000 Lux

Electrical

Operating voltage: +5 VDC $\pm 5\%$
Operating current
Operating: 150 mA @ 5 VDC
Standby: 100 mA @ 5 VDC

Environmental

Temperature
Operating: 32° to 122° F / 0° to 50° 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 529 rating IP42DW
ESD protection: Functional after 15kV discharge

Communications

Single interface

- RS-232
- Keyboard Wedge

Decoding Capability – Autodiscriminates

- UPC A, E / EAN 8,13 / JAN 8,13
(Codes add-ons P2 / P5, Code 128)
- Code 128
- Pharmacode 39
- Interleaved 2/5
- MSI/Plessey
- RSS-14 Stacked
- RSS-14 Expanded
- RSS Limited
- Codabar
- Code 93
- Code 39
- RSS 14
- RSS-14 Stacked
- Omni-directional
- 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.

Depth-of-Field				
Printing resolution, contrast and ambient light dependent				
Label Density	Range			
5 mils	0.0" to 2.5"	0.0	to	6.4 cm
13 mils	0.5" to 5.0"	0.0	to	15.2 cm
20mils	1.0" to 8.0"	2.5	to	20.0 cm



Gooseneck Tabletop Stand

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