

QuickScan® QS2500

Data Sheet

Linear Imager



Mechanical

Dimensions

Height: 7.3" / 18.5 cm
 Width: 2.9" / 7.4 cm
 Length: 4.5" / 11.4 cm

Weight: 6.3 oz. / 179 g (cable not included)

Environmental

Temperature Rating:

Operating: 32° to 113° F / 0° to 45° C
 Storage: -22° to 149° F / -30° to 65° C

Humidity:

Operating: 5 to 95% NC

Shock: Withstands ten 5.0' (1.5m) drops to concrete

Water & Dust: Resistant, IEC 60529 rating IP42DW

ESD Protection: Functional after 15kV discharge

Optical

Light Source: 660nm Visible Red Diode

Scan Rate: 200 scans/sec

Scan Width: 4.0"/10.2 cm at 5.0"/12.7 cm from label

Resolution: 5 mils / 0.13 mm

Print Contrast: 25% or higher

Pitch: ±60°

Skew: ±75°

Scan Angle: 46°

Ambient Light Immunity

Artificial Light: 6,968 foot candles / 75,000 Lux

Sunlight: 6,968 foot candles / 75,000 Lux

Depth of Field: Refer to table below

DEPTH OF FIELD*	
Range Comparisons	
LABEL DENSITY	RANGE
5 mils	1.0" - 4.5" / 2.5 - 11.4 cm
10 mils	0.05" - 8.5" / 1.3 - 21.6 cm
13 mils (100% UPC)	0.5" - 11" / 1.3 - 28.0 cm
20 mils	1.0" - 16" / 2.5 - 40.6 cm
40 mils	2.0" - 28.0" / 5.0 - 71.0 cm

* Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.

Electrical

Operating Current:

Operating: 225 mA @ 5 VDC
 Standby: 100 mA @ 5 VDC

Communications

- RS-232
- Keyboard Wedge
- Wand Emulation
- USB
- IBM 46XX
- IBM USB

Decoding Capability (autodiscriminates)

- UPCA, E / EAN 8, 13 / JAN 8, 13 (Including add-ons P2/P5)
- 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
- PDF-417 with audio assist

Safety & Regulatory

Electrical: Complies to UL and cUL

Emissions: Complies to FCC-A; EN 55022-B; VCCI-A

Laser Classification: IEC 60825 Class I LED

Restriction of Hazardous Substances: Complies to EU RoHS



Ideal for:

- Retail applications
- Health care
- Inventory
- Office automation
- Document tracking
- Light industrial

Features:

- Aggressive reading and an extended depth-of-field
- Reads Reduced Space Symbology (RSS), PDF-417 and linear codes for flexibility
- Ergonomic "aim and shoot" design
- Reliable and durable, providing long lasting performance

Accessories



P/N: 7-0803 (Gray);
 P/N: 7-0832 (Black)
 Hands Free Stand

P/N: 7-0393
 Tabletop or
 Wall Mount



Datalogic Scanning, Inc.

Toll free: 1 800 695 5700

International: 1 541 683 5700

E-mail us at: scanning@datalogic.com

www.datalogic.com



Copyright © Datalogic Scanning, Inc. 2002-2007. All rights reserved. Protected to the fullest extent under U.S. and international laws. Copying or altering of this document is prohibited without express written consent from Datalogic Scanning, Inc. • Datalogic Scanning, Inc. of Eugene, Oregon, USA is ISO registered by NQA. • The Datalogic logo is a trademark of Datalogic SpA. • All brand and product names are trademarks of their respective owners. • Additional information concerning this product or other Datalogic products and services can be found at the Datalogic web site: www.datalogic.com. • Product specifications are subject to change without notice.