



On-Counter High Performance Bar Code Reader

The Magellan™ 3200VSi bar code reader brings Datalogic's new imaging technology to the high-volume point-of-sale. It is the first bar code scanner to duplicate the speed and wide field-of-view of high-performance omnidirectional laser scanners while adding the benefits associated with imaging. This imaging technology provides outstanding performance when capturing hard-to-read bar codes such as truncated (short), out-of-spec, poorly printed and GS1 DataBar™ codes, and provides support for both linear (1D) and 2D label decoding. The Magellan 3200VSi imager enables both sweep and presentation scanning techniques ensuring maximum productivity and ergonomic ease.

With the renowned quality and reliability famous in all Magellan products, the Magellan 3200VSi imager achieves new levels of product reliability by utilizing a solid-state design that does not require the use of laser modules or spinning motors, ensuring years of worry-free operation.

Unique features not found on any point-of-sale scanner, include a Micro-SD card reader to help with software management, upgrading, and maintenance. Managing

software with the Magellan 3200VSi reader is very flexible and includes multiple methods to load new software or to modify existing configuration files and application firmware. Because most of the Magellan 3200VSi scanner features are software based, new capabilities are simple to add, even after the initial installation, increasing the useful life of the scanner and protecting your company's technology investment over time.

Other Magellan product features include Diagnostics Reporting, Host Download and Productivity Index Reporting™ allowing management to use data from the scanner to improve throughput and manage maintenance. Datalogic's Illumix™ intelligent illumination technology optimizes light levels to capture images and read bar codes from mobile phones, PDAs or computer display screens.



Features

- Datalogic's high performance Imaging Technology
- Linear and 2D bar code reading
- Solid-state electronics
- Software driven - flexible and upgradeable
- Micro SD card slot
- Multiple interfaces in every unit
- RS-232 auxiliary port
- Image capture
- Illumix™ intelligent illumination technology reads bar codes from mobile phones or PDAs



Specifications

DECODING CAPABILITY

1D / LINEAR CODES

Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes

2D CODES STACKED CODES

Aztec Code; Data Matrix (ECC200 Only); MaxiCode; QR Code
GS1 DataBar Composites; GS1 DataBar Expanded Stacked;
GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional;
MicroPDF417; PDF417

ELECTRICAL

AC POWER REQUIREMENTS POWER CONSUMPTION

AC Input: 90-264 VAC, 47-63 Hz;
Operating (Maximum): 8.75 Watts; Operating (Nominal): 2.8 Watts
Sleep Mode: 2.0 Watts

ENVIRONMENTAL

AMBIENT LIGHT ESD PROTECTION (AIR DISCHARGE) HUMIDITY (NON-CONDENSING) TEMPERATURE

0 - 86,100 lux
25 kV
5 - 95%
Operating: 0 to 40 °C / 32 to 104 °F
Storage/Transport: -40 to 70 °C / -40 to 158 °F

INTERFACES

AUXILIARY PORTS

IBM 46xx; Keyboard Wedge; OEM (IBM) USB; RS-232; USB
Powered RS-232

OPTIONAL FEATURES

EAS FEATURES

Checkpoint Systems: Integrated EAS hardware will work with
Counterpoint IV, V, VI and VII models

VALUE ADDED FEATURES

Sensomatic: Good Read Acknowledgement
Diagnostic Reporting; Host Download; Productivity Index Reporting™
(PIR)

PHYSICAL CHARACTERISTICS

DIMENSIONS WEIGHT

14.2 x 15.2 x 8.2 cm / 5.6 x 6.0 x 3.2 in
0.6 kg / 1.3 lb

READING PERFORMANCE

IMAGE CAPTURE IMAGER SENSOR LIGHT SOURCE PRINT CONTRAST RATIO (MINIMUM) READ HEIGHT READ RATE (MAXIMUM) READING ANGLE READING INDICATORS RESOLUTION (MAXIMUM)

Graphic Formats: BMP, JPEG
1280 x 1024
Illumination: Multiple diffused 625nm LEDs
25%
14.0 cm / 5.5 in
39 Million pixels per second
Pitch: +/- 65°; Roll (Tilt): 0 - 360°; Skew (Yaw): +/- 75°
Beeper (Adjustable Tone and Volume); Good Read LED;
Good Transmission
5 mil

READING RANGES

TYPICAL DEPTH OF FIELD

Minimum distance determined by symbol length and scan angle.
Printing resolution, contrast, and ambient light dependent.
5 mils: 1.3 to 6.4 cm / 0.5 to 2.5 in
7.5 mils: 1.3 to 11.4 cm / 0.5 to 4.5 in
10 mils: 0 to 15.2 cm / 0 to 6.0 in
13 mils: 0 to 20.3 cm / 0 to 8.0 in
20 mils: 0 to 22.9 cm / 0 to 9.0 in

SAFETY & REGULATORY

AGENCY APPROVALS

The product meets necessary safety and regulatory approvals for its
intended use.

The Quick Reference Guide for this product can be referred to for a
complete list of certifications.

ENVIRONMENTAL COMPLIANCE LED CLASSIFICATION

Complies to China RoHS; Complies to EU RoHS
EN60825-1 Class 1 LED; IEC 60825-1 Class 1 LED Product

UTILITIES

MAGELLAN™ OSP

Magellan On-Screen Programming (OSP) configuration software is
available for download at no charge

OPOS / JAVAPOS

JavaPOS Utilities are available for download at no charge

REMOTE HOST DOWNLOAD

OPOS Utilities are available for download at no charge
Lowers service costs and improves operations

WARRANTY

3-Year Factory Warranty

Accessories



Mounts/Stand

- 11-0405 Riser Mount
- 11-0406 Table/Wall Mount

© 2010-2011 Datalogic Scanning Inc.

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 and the Datalogic logo are registered trademarks of Datalogic S.p.A. in many countries, including the U.S.A. and the E.U.

Magellan is a registered trademark of Datalogic Scanning, Inc. in many countries, including the U.S.A. and the E.U. • Illumix and Productivity Index Reporting are trademarks of Datalogic Scanning, Inc.

Other brand and product names may be trademarks of their respective owners.

Product specifications are subject to change without notice.

DS-MAGELLAN3200VSI-ENA4 20110210

www.scanning.datalogic.com