

# MAGELLAN™ 3200VSi



## 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.

## BUILT TO LAST

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.

## SOFTWARE MANAGEMENT

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.

## FEATURES

- Datalogic's high performance Imaging Technology
- Linear and 2D barcode 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 barcodes from mobile phones or PDAs
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

## INDUSTRY - APPLICATION

- Retail: Point of Sale, Mobile Marketing Capabilities, Age Verification, 2D barcodes



## TECHNICAL SPECIFICATIONS

## DECODING CAPABILITY

<b>1D / Linear Codes</b>	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
<b>2D Codes</b>	Aztec Code; Data Matrix (ECC200 Only); MaxiCode; QR Code
<b>Stacked Codes</b>	GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MicroPDF417; PDF417

## ELECTRICAL

<b>AC Power Requirements</b>	AC Input: 90-264 VAC, 47-63 Hz
<b>Power Consumption</b>	Operating (Maximum): 8.75 Watts Operating (Nominal): 2.8 Watts Sleep Mode: 2.0 Watts

## ENVIRONMENTAL

<b>Ambient Light</b>	0 - 86,100 lux
<b>ESD Protection (Air Discharge)</b>	25 kV
<b>Humidity (Non-condensing)</b>	5 - 95%
<b>Temperature</b>	Operating: 0 to 40 °C / 32 to 104 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F

## INTERFACES

<b>Interfaces</b>	USB Keyboard; USB COM; OEM USB; RS-232; IBM 46XX
<b>Auxiliary Ports</b>	Powered RS-232

## OPTIONAL FEATURES

<b>EAS Features</b>	Checkpoint Systems: Integrated EAS hardware will work with Counterpoint IX and Evolve D11 models; Sensormatic: Good Read Acknowledgement
<b>Value Added Features</b>	Diagnostic Reporting; Host Download; Productivity Index Reporting™ (PIR)

## PHYSICAL CHARACTERISTICS

<b>Dimensions</b>	14.2 x 15.2 x 8.2 cm / 5.6 x 6.0 x 3.2 in
<b>Weight</b>	0.6 kg / 1.3 lb

## READING PERFORMANCE

<b>Image Capture</b>	Graphic Formats: BMP, JPEG
<b>Image Sensor</b>	1280 x 1024
<b>Light Source</b>	Illumination: Multiple diffused 625nm LEDs
<b>Print Contrast Ratio (Minimum)</b>	25%
<b>Read Height</b>	14.0 cm / 5.5 in
<b>Read Rate (Maximum)</b>	39 Million pixels per second
<b>Reading Angle</b>	Pitch: +/- 65°; Roll (Tilt): 0 - 360°; Skew (Yaw): +/- 75°
<b>Reading Indicators</b>	Beeper (Adjustable Tone and Volume); Good Read LED; Good Transmission
<b>Resolution (Maximum)</b>	5 mil

## READING RANGES

<b>Typical Depth of Field</b>	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.  <b>1D / Linear Codes</b> 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 <b>2D Codes (Optional)</b> 6.6 mils: PDF: 3.8 to 10.2 cm / 1.5 to 4.0 in 10 mils: PDF: 0 to 18.0 cm / 0 to 7.0 in 15 mils: PDF: 0 to 20.3 cm / 0 to 8.0 in 10 mils: Data Matrix: 0 to 6.4 cm / 0 to 2.5 in 24 mils: Data Matrix: 0 to 20.3 cm / 0 to 8.0 in
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## SAFETY &amp; REGULATORY

<b>Agency Approvals</b>	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.
<b>Environmental Compliance</b>	Complies to China RoHS; Complies to EU RoHS
<b>LED Classification</b>	EN60825-1 Class 1 LED; IEC 60825-1 Class 1 LED Product

## UTILITIES

<b>Magellan™ OSP</b>	Magellan On-Screen Programming (OSP) configuration software is available for download at no charge.
<b>OPOS / JavaPOS</b>	OPOS and JavaPOS Utilities are available for download at no charge.
<b>Remote Host Download</b>	Lowers service costs and improves operations.

## WARRANTY

<b>Warranty</b>	3-Year Factory Warranty
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## ACCESSORIES

## Mounts/Stands



11-0405 Riser Mount



11-0406 Table/Wall Mount