

MAGELLAN™ 3410VSi OEM

High Performance Scanning for your OEM Application



HIGH PERFORMANCE BAR CODE READING

The Magellan 3410VSi OEM scanner brings high performance imaging and a large reading area to your kiosk or OEM application. With the same electronics and optics as the Magellan 3410VSi, the OEM scanner provides strong performance in a smaller package that is easy to install. The electronics from the M3410VSi platform allow the OEM to power from a single 5V USB connection, eliminating the need for an external power supply and making installation easy.

ENHANCING THE CUSTOMER EXPERIENCE

The M3410VSi OEM's large field of view and imaging capability provide outstanding performance on hard-to-read bar codes and seamless reading of a wide variety of bar codes. The OEM scanner enables both high speed sweep and presentation scanning techniques, ensuring maximum productivity and ergonomic ease for every user, even with truncated (shortened), out-of-spec or poorly printed codes.

ENTERPRISE FEATURES

Remote Management is supported for OPOS, JavaPOS, Toshiba Remote Management with IBM Systems Director and Wavelink Avalanche. Additional capabilities are available with the Value Added Features included in every Magellan scanner.

FEATURES

- Advanced digital imaging provides class-leading performance and reliability
- Seamless 1D, 2D and Digimarc® digital watermark reading
- Smoothly reads all bar codes, whether displayed on cell phones or printed
- Subtle, adaptive illumination for user comfort
- Solid-state electronics for silent operation and superior reliability
- Powers from single Type A USB port- 2.5 W
- Scan Sentry uses the scanner's camera to detect scan avoidance at self-checkout
- Software driven - flexible and upgradeable
- Image capture
- Micro SD card slot
- Multiple interfaces in every unit
- Powered USB auxiliary port - Not enabled when connected to 5V USB Type A host port
- Diagnostics reporting
- Available singly or in a quantity 12 multipack
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI.

INDUSTRY - APPLICATION

- Self checkout, Kiosk, Point of sale, Mobile marketing capabilities, Age verification, 2D barcodes



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TECHNICAL SPECIFICATIONS

DECODING CAPABILITY	
1D / Linear Codes	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D Codes	Aztec Code, Data Matrix, QR Code
Stacked Codes	GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; Micro PDF417, PDF417
Digital Watermarks	Optional support for Digimarc® Barcodes / GS1 DW Code

ELECTRICAL	
Power Requirements	AC Input: 100-240 VAC, 50-60 Hz DC Input: 5-12V
Power Consumption	Maximum: 2.25W @ 5V; 3.3W @ 12V Typical (RMS): 1.6W @ 5V; 2.1W @ 12V Sleep Mode (RMS): 0.95W @ 5V; 1.25W @ 12V

ENVIRONMENTAL	
Ambient Light	0 to 86,100 lux
ESD Protection (Air Discharge)	2 kV
Humidity (Non-Condensing)	5 - 95%
Temperature	Operating: 10 to 40 °C / 50 to 104 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F

INTERFACES	
Interfaces	OEM (IBM) USB; RS-232; USB Keyboard, USB Com, USB TEC
Auxiliary Ports	Powered Type A USB (USB Com requires power supply or 12V Host power)

PHYSICAL CHARACTERISTICS	
Dimensions	Magellan Model 3410VSi OEM: 12.7 x 14.4 x 7.8 cm / 5 x 5.7 x 3.1 in
Weight	0.3 kg / 0.8 lb

READING PERFORMANCE	
Image Capture	Graphic Formats: BMP, JPEG
Image Sensor	1 MP; 1280 x 800 pixels; Graphic Formats: JPEG, BMP
Light Source	Multiple diffused LEDs, orientation and wavelength optimized for eye comfort
Print Contrast Ratio (Minimum)	25%
Read Height	14.0 cm / 5.5 in
Read Rate (Maximum)	30 Million pixels per second
Reading Angle	Pitch: +/- 65°; Roll (Tilt): 0 - 360°; Skew (Yaw): +/- 75°
Reading Indicators	Audio beeper with adjustable tone and volume; Good Read LED; Good Transmission
Resolution (Maximum)	5 mil

READING RANGES	
Typical Depth of Field	Printing resolution, symbol length, scan angle, contrast and ambient light dependent. 1D / Linear Codes 5 mils: 0 to 6.4 cm / 0 to 2.5 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 2D Codes (Optional) 6.6 mils: PDF: 0 to 5.1 cm / 0 to 2.0 in 10 mils: PDF: 0 to 12.7 cm / 0 to 5.0 in 10 Mils: Data Matrix: 0 to 6.4 cm / 0 to 2.5 in 20 Mils: Data Matrix: 0 to 18.0 cm / 0 to 7.0 in

SAFETY & REGULATORY	
Environmental Compliance	Complies to China RoHS, EU RoHS and UK RoHS
LED Classification	EN62471 and IEC62471 Lamp Illumination Exempt Group

UTILITIES	
Scanalyzer	Magellan Scanalyzer configuration software is available for download at www.datalogic.com .
OPOS / JavaPOS	OPOS and JavaPOS utilities are available for download at no charge.

WARRANTY	
Warranty	3-Year Factory Warranty