# MAGELLAN™ 3400VSi

# **ODATALOGIC**





# ON-COUNTER HIGH PERFORMANCE BAR CODE READER

The Magellan™ 3400VSi series of scanners continue the Datalogic tradition of high performance imaging for the high-volume point-of-sale. By duplicating the speed and large field-ofview of laser scanners and expanding the capabilities of imaging, the 3400VSi scanners provide outstanding performance on hard-to-read bar codes and seamless reading of a wide variety of bar codes. This Magellan scanner enables both high speed sweep and presentation scanning techniques, ensuring maximum productivity and ergonomic ease, even with truncated (shortened), out-of-spec or poorly printed codes.

## ENHANCING THE CUSTOMER EXPERIENCE

The optional Magellan Customer Service Scanner (CSS) enables retailers to easily engage their customers in mobile commerce programs, allowing them to scan bar codes from mobile phone screens or paper coupons while the cashier continues to scan regular items in parallel, resulting in a significant reduction in total transaction time.

#### **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 classleading 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
- Available Magellan Customer Service Scanner (CSS) with omni-mount for reading cell phones, coupons and loyalty cards
- Software driven flexible and upgradeable
- Image capture
- Micro SD card slot
- Multiple interfaces in every unit
- Powered USB auxiliary port
- Checkpoint Systems and Tyco Sensormatic EAS compatible
- Diagnostics reporting
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

#### **INDUSTRY-APPLICATIONS**

 Retail: Point of Sale, Mobile Marketing Capabilities, Age Verification, 2D Bar Codes

# MAGELLAN™ 3400VSi

## **ODATALOGIC**

# **ECHNICAL SPECIFICATIONS**

#### **DECODING CAPABILITY**

1D / LINEAR CODES

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

2D CODES

Aztec Code; Data Matrix (ECC200 only); MaxiCode;

QR Code

STACKED CODES
GS1 DataBar Composites; GS1 DataBar Expanded
Stacked; GS1 DataBar Stacked; GS1 DataBar
Stacked Omnidirectional; MicroPDF417; PDF417

Optional support for Digimarc® Barcode/GS1 DW Code

#### **ELECTRICAL**

DIGITAL WATERMARKS

AC POWER REQUIREMENTS A
POWER CONSUMPTION O

AC Input: 100-240 VAC, 50-60 Hz; Operating (Maximum): 3.8 Watts; Operating (Nominal): 3.0 Watts Sleep Mode: 2.6 Watts

#### **ENVIRONMENTAL**

AMBIENT LIGHT
ESD PROTECTION (AIR DISCHARGE)
HUMIDITY (NON-CONDENSING)
PARTICULATE AND WATER SEALING
TEMPERATURE

0 - 86,100 lux 25 kV 5 - 95% IP52

Operating: 0 to 40 °C / 32 to 104 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F

#### INTERFACES

INTERFACES OEM (IBM) USB; RS-232; USB Keyboard, USB Com AUXILIARY PORTS Powered Type A USB (USB Com)

#### **OPTIONAL FEATURES**

EAS FEATURES

Checkpoint Systems: Integrated EAS hardware
will work with Counterpoint IX and Evolve D11
models;
Separametic Good Read Arknowledgement

Sensormatic: Good Read Acknowledgement
VALUE ADDED FEATURES Diagnostic Reporting; Host Download;
Magellan ULE Scripting

#### PHYSICAL CHARACTERISTICS

DIMENSIONS Magellan Model 3450VSi:

13.7 x 15.2 x 9.4 cm / 5.4 x 6.0 x 3.7 in

WEIGHT 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

Multiple diffused LEDs, orientation and wavelength optimized for eye comfort

25%

14.0 cm / 5.5 in

39 Million pixels per second Pitch: +/- 65°; Roll (Tilt): 0 - 360°;

Skew (Yaw): +/- 75°

Audio speaker with adjustable tone and volume,

supports .wav files; Good Read LED; Good Transmission

5 mil

#### **READING RANGES**

TYPICAL DEPTH OF FIELD

Printing resolution, symbol length, scan angle, contrast and ambient light dependent.

1D / Linear Codes

5 mils: 3.8 to 8.1 cm / 1.5 to 3.2 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

2D Codes

6.6 mils: PDF: 3.8 to 10.2 cm / 1.5 to 4.0 in 10 mils: PDF: 0 to 12.7 cm / 0 to 5.0 in 10 mils: Data Matrix: 1.3 to 6.4 cm / 0.5 to 2.5 in 20 mils: Data Matrix: 0 to 18.0 cm / 0 to 7.0 in

#### **SAFETY & REGULATORY**

AGENCY APPROVALS

ENVIRONMENTAL COMPLIANCE LED CLASSIFICATION

The product meets necessary safety and regulatory approvals for its intended use. Complies to China RoHS; Complies to EU RoHS EN62471 and IEC62471 Lamp Illumination – Exempt Group

#### UTILITIES

SCANALYZER™

OPOS / JAVAPOS

Magellan Scanalyzer configuration software is available for download at www.datalogic.com. JavaPOS Utilities are available for download at no charge.

OPOS Utilities are available for download at no charge.

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#### WARRANTY

WARRANTY

3-Year Factory Warranty

# CESSORIES

#### Mounts/Stands





90ACC0298 Tilt / Riser Mount