



HIGH PERFORMANCE IN-COUNTER SCANNER AND SCANNER/SCALE

The Magellan 8300 bi-optic scanner is a high performance 5-sided scanner for medium volume checkout environments. It offers great performance, high quality and reliability, and outstanding value. It improves operational efficiency by achieving outstanding first-pass read rates and represents the next step in value and checkout productivity from the Magellan family and Datalogic.

CUSTOMIZE TO YOUR LIKING

The 8300 can be configured as either a scanner or scanner/scale combination with Datalogic's exclusive, patented All-Weights® scale platter to ensure accurate produce and bulk food weighing at the checkout. Two remote scale display options are available; a single display on a pole and a dual display on a single pole for applications requiring separate displays for the cashier and customer. Magellan 8300 models are available in three lengths: long, medium, and short (scanner only) to accommodate various POS configurations.



SOFTWARE BENEFITS

FirstStrike® advanced software decoding algorithms provide the industry's best scanning speed and simultaneously improve first pass read rates of damaged, wrinkled, or poorly printed bar codes delivering improved operational efficiencies at the retail checkout.

FEATURES

- Aggressive and ergonomic 360° 5-sided scanning for best in class scanning performance
- Renowned Magellan brand quality and reliability
- All-Weights Scale Platter with integrated Produce Lift Bar or Produce Rail™ (Optional)
- FirstStrike advanced decoding software delivers the best performance in reading poor quality labels
- Flash memory for easy software upgrades in the field
- Multiple interface solution supports all popular host interfaces
- Powered auxiliary RS-232 port for easy integration of a handheld scanner
- Checkpoint Systems and Sensormatic EAS compatible (Optional)
- Optional Value Added Features:
 - Host Download - Lowers Service Cost and Improves Operations
 - Diagnostic Reporting - For improved preventative maintenance
 - Compatible with Mettler, Bizerba and other adaptive scales
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

LOSS PREVENTION

All-Weights™ Scale Platter

- All-Weights™ one-piece platter design with extended upper weigh surface

Checkpoint Systems and Sensormatic EAS compatible (Optional)

- Software integrates seamlessly for improved item security

DECODING CAPABILITY

1D / LINEAR CODES	Autodiscriminates all standard 1D codes including GS1 Databar™ linear codes.
STACKED CODES	GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional

ELECTRICAL

AC POWER REQUIREMENTS	AC Input: 100-250 VAC, 50-60 Hz
POWER CONSUMPTION	Operating (Maximum): 8 Watts Operating (Nominal): 7 Watts Sleep Mode: 4 Watts

ENVIRONMENTAL

ESD PROTECTION (AIR DISCHARGE)	25 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	IBM 46xx; Keyboard Wedge: Scanner Only; OEM (IBM) USB; RS-232; USB: Scanner Only
AUXILIARY PORTS	EAS Port: Powered RS-232; Remote Scale Display; Scale Host

OPTIONAL FEATURES

ALL-WEIGHS SCALE PLATTER	Integrated Produce Lift Bar; Produce Rail™
EAS FEATURES	Checkpoint Systems: Integrated EAS hardware will work with Counterpoint IX and Evolve D11 models; Sensormatic: Good Read Acknowledgement
VALUE ADDED FEATURES	Diagnostic Reporting; Host Download

PHYSICAL CHARACTERISTICS

DIMENSIONS	Depth (Below Counter): 10.2 cm / 4.0 in Height (Above Counter): 13.0 cm / 5.1 in Length: Model 8301 (Short, Scanner Only): 35.6 cm / 14.0 in Model 8302 (Medium, Scanner Only): 40.1 cm / 15.8 in Model 8303 (Long, Scanner Only): 50.8 cm / 20.0 in Model 8304 (Medium, Scanner/Scale): 40.1 cm / 15.8 in Model 8305 (Long, Scanner/Scale): 50.8 cm / 20.0 in Width: 29.2 cm / 11.5 in
SCALE CAPACITIES	Adjustments Required: Calibration Only Capacity: 15.0 kg / 30.0 lb Maximum Static Weight: 68.0 kg / 150.0 lb Minimum Increment: 0.005 kg / 0.010 lb Vibration Immunity: 4 Programmable Filter Settings

READING PERFORMANCE

MOTOR SPEED	4,500 rpm
READ HEIGHT	15.2 cm / 6.0 in
READ RATE (MAXIMUM)	3,900 lines/sec.
READING INDICATORS	Beeper (Adjustable Tone and Volume); Good Read LED
SCAN LINES	52
SCAN ZONE	360°
SIDES READ	5 Sides

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	Complies to EU RoHS
LASER CLASSIFICATION	Caution Laser Radiation - Do not stare into beam; CDRH Class IIa; EN 60825 Class 1; IEC 60825 Class 1

UTILITIES

OPOS / JAVAPOS	JavaPOS Utilities are available for download at no charge. OPOS Utilities are available for download at no charge.
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WARRANTY

WARRANTY	1-Year Factory Warranty
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