MAGELLAN™ 9800i

DATALOGIC

THE POWER OF IMAGING

The Magellan™ 9800i scanner/scale defines a new class of high performance bar code scanners for a worldwide market. With digital imagers in all planes, the 9800i scanner is the first scanner capable of reading both 1D and 2D bar codes seamlessly without requiring item orientation by the cashier.

The striking new design improves ergonomics with its lower bonnet height to allow repositioning of POS or Self-Checkout touchscreens, payment terminals and receipt printers to better accommodate ADA customers. The centered speaker provides audio feedback with .wav files for greater fidelity. The large horizontal window is ergonomically positioned for both standing and seated cashiers.

ENHANCING THE CUSTOMER EXPERIENCE

An integrated, customer-facing mobile device reader enables retailers to easily engage in mobile commerce. This eliminates the need for an additional scanner, power supply, outlet, interface cable, POS port and mounting hardware. The customer can scan bar codes from their mobile phone screen or paper coupons while the cashier continues to scan regular items in parallel, resulting in a significant reduction in total transaction time.

LOSS PREVENTION

Shrink reduction ranks high among retailers' concerns and the Magellan 9800i scanner has key features designed to reduce shrink at the POS.

ENTERPRISE FEATURES

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

FEATURES

- Advanced digital imaging in all reading planes
- Seamless reading of 1D and 2D codes in all planes with good-read audio and visual confirmation for fast, uninterrupted scanning
- Optional Top Down Reader (TDR) adds large topside field-of-view as well as a customer-facing mobile device reader
- The largest ever All-Weighs™ scale platter enables effortless, accurate weighing of long or bulky items
- ScaleSentry™ Shrink Monitoring/Prevention System technology reduces losses from oversized items placed outside the weighing surface
- Low bonnet height allows for accessibility and flexibility in checkstand layout
- Top side accessible service port allows for the product to stay in the counter for most service calls (including software upgrades), reducing service and scale recalibration costs
- Illumix™ Intelligent Illumination Technology designed for digital imaging in retail

LOSS PREVENTION

All-Weighs™ Scale Platter

- The All-Weighs scale platter design provides an alternative weighing surface on top of the bonnet, allowing the user to lay produce that is too long to fit on the platter.

ScaleSentry™

- Monitors the 2 primary sides of the scale platter with an infrared (invisible) beam to detect if fruit or produce is misplaced on the scale platter causing the item to be under-weighed.
- Misplaced fruits or produce will break the infrared beam and trigger an alert to the cashier, preventing the weight from being transmitted to the POS until the cashier corrects the problem.

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TECHNICAL SPECIFICATIONS

DECODING CAPABILITY

1D / LINEAR CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
STACKED CODES	EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MicroPDF417; PDF417; UPC A/E Composites
2D CODES	Aztec Code; Data Matrix; QR Code, Micro QR

ELECTRICAL

AC POWER REQUIREMENTS	AC Input: 100 - 240 VAC, 50-60 Hz Power Consumption: Operating (Nominal): 12 Watts Sleep Mode: 11 Watts

ENVIRONMENTAL

AMBIENT LIGHT	0-86,080 lux
HUMIDITY (NON-CONDENSING)	5 - 95%
ESD PROTECTION (AIR DISCHARGE)	25kV
TEMPERATURE	Operating: 10 to 40 °C / 50 to 104 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F

INTERFACES

AUXILIARY PORTS	Powered RS-232; Remote Scale Display; EAS Controller Ports; Sensormatic, Interlock; Powered USB Host (Type A) (x2)
MULTI-INTERFACE	RS-232 / IBM 46XX / USB Multi-Interface: OEM (IBM) USB Plus Power (Scanner and Scale); RS-232 (Scanner) / RS-232 (Scale); RS-232 (Scanner) or Single Cable RS-232 (Scanner and Scale)
REMOTE MANAGEMENT CAPABILITIES	Diagnostic Reporting; WMI (OPOS and JavaPOS) and MBeans (JavaPOS) compliant Host Download; Supports IBM Director, Wavelink Avalanche™ and other ERP management solutions

LOSS PREVENTION

ALL-WEIGHS SCALE PLATTER	Integrated horizontal and vertical scale platter surfaces increase active weighing area for easy, accurate weighing of large items. ScaleSentry™ Shrink Monitoring/Prevention System (not available with Adaptive Scales); Configurable audio / visual indicators identify items placed outside weighing surface
EAS FEATURES	Checkpoint Systems: Integrated EAS Antenna for Counterpoint IX and Evolve D11 models; Sensormatic: Datalogic SmartSentry™ Firmware technology interfaces with the Sensormatic AMB-9010/IPS EAS Deactivation Controller; (AMB-5120) Good Read / EAS Status Indicators

OPTIONAL FEATURES

MAGELLAN SCALE TECHNOLOGY	Compatibility – Adaptive Scales: Avery; Bizerba; DIGI; Herbert; Mettler Toledo; Shekel Max. Static Weight: 68.0 kg / 150.0 lb Vibration Immunity: 4 Programmable Filter Settings
DUAL INTERVAL SCALE	Minimum Increment: Range 1: 0.002 kg / 0.005 lb; Range 2: 0.005 kg / 0.010 lb Scale Capacity: Range 1: 0 - 6.0 kg / 0 - 15.0 lb; Range 2: 6.0 - 15.0 kg / 15.0 - 30.0 lb
SINGLE INTERVAL SCALE	Minimum Increment: 0.005 kg / 0.010 lb; Scale Capacity: 0 - 15.0 kg / 0 - 30.0 lb

PHYSICAL CHARACTERISTICS

DIMENSIONS	Depth (Below Counter): 10.6 cm / 4.0 in Height (Above Counter): 6.8 cm / 2.7 in Length: Model 9801 (Short, Scanner Only): 35.2 cm / 13.9 in Model 9803 (Medium, Scanner Only): 39.9 cm / 15.7 in Model 9804 (Medium, Scanner/Scale): 39.9 cm / 15.7 in Model 9805 (Long, Scanner Only): 50.7 cm / 20.0 in Model 9806 (Long, Scanner/Scale): 50.7 cm / 20.0 in Width: 29.2 cm / 11.5 in
GLASS OPTIONS	Datalogic Clear™ Glass: High transmissivity glass optimized for imaging performance Sapphire Laminated Glass: Lifetime Guarantee (optional)
INDICATORS	Audio: 85 dB Speaker; Adjustable Tone and Volume; Supports WAV file formats Visual: Good Read confirmation for all reading planes; Scale center of zero; ScaleSentry™ event; Sensormatic EAS status
TOP DOWN READER (TDR)	Cast Aluminum Construction Height: 90ACC0079: 30.5 cm / 12.0 in 90ACC0083: 17.8 cm / 7.0 in Independent ON and GOOD READ indicators

READING PERFORMANCE

IMAGE CAPTURE	TDR: Graphic Formats: BMP, JPEG; Greyscale: 256, 16, 2
ILLUMINATION	Multiple Diffused LEDs: Orientation and wavelength optimized for eye comfort
READING COVERAGE	Seamless reading of linear and 2D codes in all planes (6 sides plus customer facing module)

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 China RoHS; Complies to EU RoHS; Complies to R.E.A.C.H. - EC1907/2006

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. OPOS Utilities are available for download at no charge.

VALUE ADDED FEATURES

CASHIER TRAINING™	Identifies poor scanning habits by monitoring scan window usage, detecting excessive item orientation; Monitors dynamic weight to detect excessive lifting by cashier
PRODUCTIVITY INDEX REPORTING™	Captures label data statistics by cashier and lane; Averages data to identify hard-to-read labels

WARRANTY

WARRANTY	1-Year Factory Warranty

ACCESSORIES

- Top Down Reader (TDR) 17.8 cm / 7 in
- Top Down Reader (TDR) 30.5 cm / 12 in

- Remote Scale Display, Single Head

- Remote Scale Display, Dual Head

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