IMAGING TECHNOLOGY

The popularity of 2D bar codes has spread across all market segments of the data capture industry. Now, with more affordable pricing and virtually no drawbacks with area imaging technology, 2D bar code readers are in high demand with features such as reading from mobile phone displays or in planning ahead for future 2D codes and imaging needs.

PERFECT FOR RETAILERS

The QuickScan™ QD2400 2D imager was specifically created to address the needs of retailers and meet the market demand with outstanding omnidirectional reading performance on virtually all codes at an affordable price. Elegant design details are incorporated into a smaller, balanced lightweight enclosure without sacrificing Datalogic's well-known durability.

NEW ILLUMINATION AND AIMING SYSTEM

Ideally suited for applications at the point-of-sale (POS), the QuickScan QD2400 imager features a new illumination and aiming system developed with the unique intent to reduce visual stress of the operator during the daily scanning activities. It consists of a soft, dark red illumination combined with two blue LED triangles pointing at the targeted bar code. The result is a precise aiming system which contributes to low eye fatigue, yet still allows top operator efficiency.

READING CAPABILITY

The QuickScan QD2400 imager reads typical printed linear bar codes as well as complex 2D bar codes displayed on the screen of a mobile device or loyalty cards. The QD2400 imager provides a fast, reliable scan from an elegant and robust 2D imager.

Imaging technology meets or exceeds the productivity compared to laser scanners and provides the additional advantages of a lower cost-of-ownership and greater product reliability over the long term.

FEATURES

- Outstanding snappiness
- Omnidirectional reading
- Reduced visual stress with LED-based aiming system
- Datalogic's patented 'Green Spot' technology for good-read feedback
- Advanced motion tolerance optics
- Water and Particulate Sealing Rating: IP42
- Drop resistance to 1.5 m / 5.0 ft
- Host download capability ready

INDUSTRY-APPLICATIONS

- Retail - Point of Sale
- Commercial Services: Postal, Banks, Public Administration, Utilities

QUICKSCAN™ I QD2400

◆DATALOGIC

TECHNICAL SPECIFICATIONS

DECODING CAPABILITY

1D / LINEAR CODES	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D CODES	Aztec Code; Aztec Mesas; Data Matrix; MaxiCode; QR Code, Micro QR Code; China Han Xin Code
POSTAL CODES	Australian Post; British Post; Canadian Post; China Post; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC)
STACKED CODES	EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites

ELECTRICAL

CURRENT	Operating (Typical): 140 mA @ 5 VDC Standby/Idle (Typical): 50 mA @ 5 VDC
INPUT VOLTAGE	4.5 - 14 VDC +/- 10%

ENVIRONMENTAL

AMBIENT LIGHT	Up to 86,000 lux
DROP RESISTANCE	Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface.
ESD PROTECTION (AIR DISCHARGE)	16 kV
HUMIDITY (NON-CONDENSING)	0 - 95%
PARTICULATE AND WATER SEALING	IP42
TEMPERATURE	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F

INTERFACES

INTERFACES	Keyboard Wedge / OEM (IBM) USB / RS-232 / USB

PHYSICAL CHARACTERISTICS

COLORS AVAILABLE	Black, White
DIMENSIONS	16.3 x 9.1 x 4.1 cm / 6.4 x 3.6 x 1.6 in
WEIGHT	145.0 g / 5.11 oz

READING PERFORMANCE

IMAGER SENSOR`	Wide VGA: 752 x 480 pixels
LIGHT SOURCE	Aiming: 2 Blue LED's; Illumination: Red LED 610 - 650 nm
MOTION TOLERANCE	25 IPS
PRINT CONTRAST RATIO (MINIMUM)	25%
READING ANGLE	Pitch: +/- 65°; Roll (Tilt): +/- 360°; Skew (Yaw): +/- 60°
READING INDICATORS	Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED
RESOLUTION (MAXIMUM)	0.102 mm / 4 mils (Linear Codes)

READING RANGES

TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39: 5 mils: 0.5 to 15.0 cm / 0.2 to 5.9 in EAN/UPCA: 13 mils: 0.5 to 35.0 cm / 0.2 to 13.8 in PDF417: 6.6 mils: 1.0 to 13.0 cm / 0.4 to 5.1 in Data Matrix: 10 mils: 1.0 to 13.0 cm / 0.4 to 5.1 in

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

UTILITIES

DATALOGIC ALADDIN™	Datalogic Aladdin configuration program 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.
REMOTE HOST DOWNLOAD	Lowers service costs and improves operations.

WARRANTY

WARRANTY	5-Year Factory Warranty

ACCESSORIES

Mounts/Stands

- STD-QD24-BK Stand, Black
- STD-QD24-WH Stand, White
- STD-AUTO-QD24-BK Stand, Black
- STD-AUTO-QD24-WH Stand, White

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MATERIAL HANDLING INDUSTRY OF AMERICA Member Company

WERC THE ASSOCIATION FOR DISTRIBUTION PROFESSIONALS

National Retail Federation®

About us
- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.

- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

Latest Hardware from top manufacturers
- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services
- Legacy is one of the best repair facilities in North America

Discontinued product sourcing
- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

Trade-in and Disposal services
- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
  - Data destruction
  - Hardware disposal
  - Auditing services

Dedicated client account team
- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

Equipment rental services
- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.

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