QuickScan™ I QD2500 2D

Superior performance, affordably



IMAGING TECHNOLOGY

The market trend towards 2D barcodes has clearly spread across the whole data capture industry. This is particularly true at Retailers' where POS check-out activities face an increased need for 2D scanning and at the same time rely on reading mobile phone displays and loyalty cards.

THE MOST PROMPT RESPONSE AT THE POS CHECK-OUT

The QuickScan QD2500 2D imager is your trusted companion at the POS check-out. It knows very well the importance of prompt readings, whatever the barcode, regardless of whether it's hard-to-read, poorly printed or damaged, and it easily scans mobile devices and through plexiglass barriers, all at an incredibly affordable price.

EXTREME PRECISION CONVEYED

A sense of extreme precision is conveyed to the operator at any time. The outstanding aimer made of two blue sharply-defined triangles facilitates the job by clearly showing where the scanner is pointing. Datalogic's 'Green Spot' technology then confirms the good read, perfectly centered on the barcode and between the two triangles, backed up by a powerful beeper that can be adjusted to your preferred level of sound. Overall, the soft red illumination lowers fatigue on the operator's eyes.

CUTTING-EDGE DESIGN AND FEATURES

Whenever the operator needs to switch the scanner from the presentation scanning mode to manual reading and vice-versa, the QuickScan QD2500 features Datalogic's advanced Motionix™ motion-sensing technology to detect it automatically.

Featuring the distinctive design and family feeling of the Datalogic general purpose offering of handheld scanners, the QuickScan QD2500 series offers a choice of two colors: black and white, and a variety of stands and accessories to best fit in any in-store environment.

FEATURES

- 1 MP optics for superior scanning and Depth Of Field
- Datalogic distinctive technology LED-based extreme precision aiming system
- Datalogic's 'Green Spot' technology for superior good-read feedback
- Motionix™ patented motion-sensing technology for seamless reading mode transitions
- Omnidirectional reading
- Reads 1D, 2D, postal codes, stacked and composite bar codes, dot codes and Digital Watermark codes
- Multi-interface options: RS-232 / USB / Keyboard Wedge, including USB-C
- Aladdin™ 3.0 configurator provides the latest GUI, search engines, and an on-line version that offers the ability to generate programming barcodes to scan directly on a smartphone
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRIES - APPLICATIONS

- Retail - Point of Sale: Check-out, Loyalty card and Electronic coupons
- Commercial Services: Postal, Banks, Public Administration, Utilities
- Hospitality: Ticketing (sporting events, concerts, transportation)
- Government: Lottery and gaming
- Healthcare: Laboratories, Pharmacies and In-room patient care
- Light Manufacturing: Work-in-progress (WIP)

QUICKSCAN™ I QD2500 2D

TECHNICAL SPECIFICATIONS

DECODING CAPABILITY	
1D / Linear Codes	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D Codes	Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code; Dot code
Postal Codes	Australian Post; British Post; China Post; IMB; Japanese Post; KIX 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
Digital Watermarking	Digimarc Barcodes
ELECTRICAL	
Current	Operating: < 450 mA @ 5V Standby/Idle: < 90 mA @ 5V
Input Voltage	5 VDC
ENVIRONMENTAL	
Ambient Light	0 - 100,000 lux
Drop Resistance	Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface.
Trigger Resistance	Withstands 10 Mhits
ESD Protection (Air Discharge)	16 kV
Humidity (Non-Condensing)	0 - 95%
Particulate and Water Sealing	IP52
Temperature	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F
INTERFACES	
Interfaces	RS-232 / USB / Keyboard Wedge Multi-Interface Cable to USB-C connector is available
PHYSICAL CHARACTERISTICS	
Colors Available	Black; White
Dimensions	14.8 x 6.8 x 12.6 cm / 5.8 x 2.7 x 4.96 in
Weight	145.0 g / 5.1 oz

READING PERFORMANCE	
Image Capture	Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2
Image Sensor	1 Megapixel: 1280 x 800 pixels
Light Source	Aiming: 2 Blue LED's 470 nm Illumination: Red LED 617nm
Motion Tolerance	30 IPS
Print Contrast Ratio (Minimum)	15%
Reading Angle	Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65°
Reading Indicators	Beeper (Adjustable Tone); Datalogic 'Green Spot' Good Read Feedback on the Code; Good Read LED
Resolution (Maximum)	1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.127 mm / 5 mils; QR Code: 0.17 mm / 6.7 mils
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 25.0 cm / 0.2 to 9.8 in Code 39: 10 mils: 0.5 to 38.0 cm / 0.2 to 14.9 in Data Matrix: 10 mils: 0.5 to 21.5 cm / 0.2 to 8.5 in. EAN/UPCA: 13 mils: 0.5 to 41.0 cm / 0.2 to 16.1in. PDF417: 6.7 mils: 0.5 to 21.0 cm / 0.2 to 8.3 in. QR Code: 20 mils: 0 to 37.0 cm / 0 to 14.6 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
Laser Classification	Caution Laser Radiation - Do not stare into beam; IEC 60825 Class 2
UTILITIES	
Datalogic Aladdin™	Datalogic Aladdin configuration program is available for download at no charge.
OPOS JavaPOS	JavaPOS and OPOS Utilities are available for download at no charge.
Remote Host Download	Remote Host Download lowers service costs and improves operations.
WARRANTY	
Warranty	5-Year Factory Warranty

ACCESSORIES

Holders

HLD-Q040-BK Desk/Wall Holder, Q040, Black
HLD-Q040-WH Desk/Wall Holder, Q040, White



Stands

STD-AUTFLX-QD25-BK Stand, Autosense, Flex, Black
STD-AUTFLX-QD25-WH Stand, Autosense, Flex, White
STD-AUTO-QD25-BK Stand, Autosense, Black
STD-QW25-BK Basic Stand/Holder, Collapsible, Black



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