_NETSelekt.pl

QUICKSCAN™ 2500 SERIES

DATALOGIC

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 2500 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, facilitating their job by clearly showing where the scanner is pointing. From the intuitive blue dot of the QW model, you can even get all the extra-precision you need with the outstanding aimer of the QD, QM and QBT models, made of two blue sharply-defined triangles. 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.

GO CORDLESS, AT YOUR CONVENIENCE

Featuring narrow band radio communications with Datalogic's STAR Cordless System™ (QM models) or Bluetooth® wireless technology (QBT models), the QuickScan 2500 provides the broadest choice, to best manage delivery even in times of shortage of Bluetooth micro-chips.

STAR radio ensures interference-free communication with low sensitivity to obstacles, avoiding delays and increasing productivity, particularly in busy environments with Bluetooth and Wi-Fi.

Featuring the distinctive design and family feeling of the Datalogic general purpose handheld scanners, the QuickScan 2500 series offers a variety of stands and accessories to best fit in any in-store environment.

FEATURES

- Choice of optics between 1 MP for superior scanning and Depth Of Field (QD, QM and QBT) and VGA (QW) for the extra-affordability
- Datalogic LED-based technology with 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 for 1D, 2D, postal codes, stacked and composite bar codes, dot codes and Digital Watermark codes
- Choice of Bluetooth 4.0 wireless technology model or Datalogic's STAR Cordless System (radio frequencies available in 433 MHz or 910 MHz)
- 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™ 2500 SERIES

TECHNICAL SPECIFICATIONS

CORDLESS MODELS COMMUNICATIONS

QuickScan QM2500	**Datalogic STAR Cordless System** Effective Radiated Power: 433.92 MHz < 6.3 mW; 910 MHz < 50 mW; Point-to-Point Configuration; Radio Frequency: 433.92MHz; 910 MHz; Two Way Communications; Radio Range (Open Air): 30.0 m / 98 ft
QuickScan QBT2500	**Bluetooth Wireless Technology** Profiles: SPP (Serial Port Profile); Protocol: Bluetooth 4.0 Certified Class 1; Radio Frequency: 2.4 GHz; Radio Range (Open Air): 50.0 m / 164 ft; Range distances are measured using the base station. Range with connection to other Bluetooth peripherals may show different results. Security: Data Encryption; Scanner Authentication

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 (QD2500, QM2500, QBT2500 only)

CORDED MODELS ELECTRICAL

Current	Operating: < 400 mA @ 5V; Standby/Idle: < 90 mA @ 5V
Input Voltage	5 VDC

CORDLESS MODELS ELECTRICAL

Battery	Battery Type: Lithium-Ion: 3250 mAh Charge Time (Scanner only): Type-C External Power: 3 Hours; Charge Time (via Cradle): External Power: 4 Hours @ 12 VDC; Reads per Charge: 115,000
Cradle Indicator LEDs	Battery Charging (flashing orange or green); Charge Completed (steady green)
Current	Charging (Typical): Scanner only: 500mA @ 3.7 V (Operative) Cradle only (BC2090): 45 mA @ 5 V (Operative)
Input Voltage	5V+/-5% (Scanner) in Type-C Port 4.5 – 14 VDC +/- 5% (Cradle BC2090)

ENVIRONMENTAL

Ambient Light	0 - 110,000 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	**CORDLESS MODELS:** BC2090: USB Type C / USB / RS-232 / Keyboard Wedge Multi-Interface **CORDED MODELS:** QD2590: USB Type C / USB / RS-232 / Keyboard Wedge Multi-Interface QW2520, QD2520: USB type C / USB only

PHYSICAL CHARACTERISTICS

Colors Available	QD2500: Black, White; QW2500: Black
Dimensions	**CORDLESS MODELS:** Scanner only: 15.9 x 6.8 x 10.7 cm / 6.2 x 2.7 x 4.2 in **CORDED MODELS:** 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 (corded models) 206.5 g / 7.3 oz (cordless models, battery included)

READING PERFORMANCE

Image Capture	Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2
Image Sensor	QD2500, QM2500, QBT2500: 1 Megapixel (1280 x 800 pixels) QW2500: VGA (640 x 480 pixels)
Light Source	Aiming: Blue LED emission 468 nm Illumination: Red LED emission 617 nm
Motion Tolerance	30 IPS
Print Contrast Ratio (Minimum)	QD2500, QM2500, QBT2500: minimum 15% QW2500: minimum 15% with specific configuration
Reading Angle	Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65°
Reading Indicators	Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good-read feedback on the code; Good-read LED
Resolution (Maximum)	**QD2500, QM2500, QBT2500:** 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 **QW2500:** 1D Linear: 0.077 mm / 3 mils; PDF417: 0.127 mm / 5 mils; Data Matrix: 0.152 mm / 6 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.

QD2500, QM2500, QBT2500:
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 51.0 cm / 0.2 to 20.1in
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
QW2500:
Code 39: 5 mils: 0.5 to 23.0 cm / 0.2 to 9.0 in
Code 39: 10 mils: 0.5 to 37.0 cm / 0.2 to 14.5 in
Data Matrix: 10 mils: 1.0 to 15.5 cm / 0.39 to 6.1 in
EAN/UPCA: 13 mils: 1.0 to 40.0 cm / 0.39 to 15.7 in
PDF417: 6.7 mils: 0.5 to 13.5 cm / 0.2 to 5.3 in
QR Code: 20 mils: 1.0 to 33.0 cm / 0.39 to 12.9 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
LED Classification	Illuminator Exempt group, Aiming Risk Group 1 according to IEC 62471

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	Lowers service costs and improves operations.

WARRANTY

Warranty	5-Year Factory Warranty

ACCESSORIES

Holders
HLD-Q040-BK
HLD-Q040-WH



Stands
STD-AUTFLX-QD25-BK
STD-AUTFLX-QD25-WH
STD-AUTO-QD25-BK
STD-QW25-BK



Base Station/Charger
BC2090



© 2021-2022 Datalogic S.p.A. and/or its affiliates. • All rights reserved. Without limiting the rights under copyright, no part of this documentation may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means, or for any purpose, without the express written permission of Datalogic S.p.A. and/or its affiliates. • Datalogic and the Datalogic logo are registered trademarks of Datalogic S.p.A. in many countries, including the U.S. and the E.U. • QuickScan, Motionix, and Datalogic Aladdin are registered trademarks of Datalogic S.p.A. in many countries, including the U.S. and the E.U. • All other trademarks and brands are property of their respective owners • Product specifications are subject to change without notice. • DS-QUICKSCAN-2500-SERIES-EN Rev C 20220706