



Datalogic QuickScan 2500 – Easy entry

- ✓ Entry-level device for capturing 1D and 2D barcodes
- ✓ Barcode scans at high speed and from all directions
- ✓ Intuitive feedback through LEDs, greenspot and beeper
- ✓ Flexible connection options: from wireless to USB-C
- ✓ Easy to use configuration software

Features

Readable codes: 1D, 2D, post, stack, Digimarc

Reading distance: 0.5 - 38 cm

Targets: LED area marker

Feedback: LEDs, green spot and beeper

Connectivity: Datalogic STAR Radio, Bluetooth, USB-C, USB, RS-232, keyboard wedge

Additional features: Photo function

Protection: IP52, drop-proof up to 1.5 m

Operating temperature: 0 - 50 °C

Dimensions: 148 x 68 x 126 mm

Weight: 145 g

Optional accessories

Flexible stand

Presentation stand

Bracket

Wall mount

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
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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 16.1 in. 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
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