

DIEBOLD NIXDORF EL73 QD2131 HANDHELD SCANNER

1D HANDHELD SCANNER WITH IMAGING TECHNOLOGY

The 1D handheld scanner EL73 QD2131 with imaging offers multifunctional possibilities for universal use in all retail market segments. It's an important tool for retailers, because despite the growth of 2D bar codes, 1D codes still dominate some market segments.

LINEAR-IMAGING TECHNOLOGY

The EL73 QD2131's linear-imaging technology provides intuitive detection and decoding for linear 1D bar code labels, whether it is a bar code on a smartphone, tablet, computer, or printed on a carton box. The entry-level handheld scanner meets these market requirements and opens up new opportunities for retail applications, including mobile couponing and mobile ticketing.

EASY BAR CODE DETECTION

The EL73 QuickScan™ QD2131 gives users an extra-wide field of view and extended depth of field for easy detection of long bar codes. The highly visible scan line makes detection of linear bar codes easy and intuitive. In addition to the balanced and lightweight product design, the user benefits from the green spot visual good-read feedback confirmation of the EL73 projected onto the bar code label upon a successful scan.

POWERED BY BEETLE

The EL73 is powered by the power supply interface of the BEETLE system. Investment protection is offered by the multiple interface of 1D-image handheld scanner, which requires only a simple change of the interface cable when changing the connection in the future. An additional, important advantage of imaging technology is the long life of the product, which ensures low operation costs.



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FEATURES

1D handheld image scanner EL73 at a glance:

- Suitable for universal use in all retail segments
- Excellent, multicode scan performance
- Intuitive recognition of linear 1D and GS1 DataBar™ bar codes
- Autodiscriminates linear bar codes also from smartphones
- Extra-wide scan area
- Improved depth of field
- Multiple interface
- Lightweight, ergonomic design
- Multiple interface
- User-friendly
- Visual good-read feedback by green spot technology
- Remote management
- Powered directly from the BEETLE system
- Plug-and-play compatibility Diebold with Nixdorf ProBase UPOS

SERVICE OPTIONS

Tailored services enable efficient deployment of solutions and the highest possible system availability and security based on the Diebold Nixdorf AllConnect ServicesSM Platform:

- Global Deployment and Implementation Services: installation and integration into existing environments
- Maintenance Services: fast Recovery and Security Services
- Managed Services: Store Lifecycle Management, Transformational Outsourcing and Consulting Services

WHY DIEBOLD NIXDORF?

With an installed base of more than 1 million ePOS systems worldwide, Diebold Nixdorf provides leading technologies for automating checkout processes and engaging consumers. Our local presence in more than 130 countries positions us to better understand the market needs of today and anticipate those of tomorrow. We leverage our expertise in seamless omnichannel retailing, store transformation and global delivery excellence, to help retailers achieve their business objectives. We enable a convenient, seamless checkout and shopping experience for consumers who desire consistency across all channels—from store to mobile and beyond.

TECHNICAL DATA

SYSTEM VERSIONS

1D handheld scanner, multi-interface

- QuickScan™ Imager 1D QD2131 black (EL-7301)
- QuickScan™ Imager 1D QD2131 grey (EL-7302)

Additional interface cable alternatives

- Straight RS232 with Power of Terminal (POT) 3.00 m (118.11 inches) (EL-3904-2)
- Coiled RS232 with Power of Terminal (POT) 2.00 m (78.74 inches) (EL-5707)
- Coiled RS232 with Power of Terminal (POT) 3.60 m (141.73 inches) (EL-DLS-C01)
- Coiled AUX 3.00 m (118.11 inches) (EL-5706)
- Straight KBW 1.50 m (59.06 inches) (EL-4510-2)
- Straight USB Type A black 2.00 m (78.74 inches) (EL-DLS-US3B)
- Straight USB Type A white 2.00 m (78.74 inches) (EL-DLS-US3W)
- Straight Powered USB black 2.00 m (78.74 inches) (EL-DLS-USP3B)
- Straight Powered USB white 2.00 m (78.74 inches) (EL-DLS-USP3W)

Stand/holder (optional)

- QuickScan™ Imager Gooseneck Stand black (EL-DLS-S1B)
- QuickScan™ Imager Gooseneck Stand grey (EL-DLS-S1W)
- QuickScan™ Imager AutoSense Stand black (EL-DLS-S2B)
- QuickScan™ Imager AutoSense Stand grey (EL-DLS-S2W)
- QuickScan™ Imager Stand, AutoSense Flex, black (EL-DLS-S3B)
- Multi Purpose Stand QuickScan™ Imager black (EL-5709)
- Multi Purpose Stand QuickScan™ Imager black (EL-5708)

INTERFACES

- RS232
- USB

POWER SUPPLY

- Via powered interface of BEETLE system
 - RS232 (EL-3904-2/EL-5707/EL-DLS-C01)
 - USB (EL-DLS-US3B/EL-DLS-US3W/EL-DLS-USP3B/EL-DLS-USP3W)
- 140 mA (operating)
- 50 mA (standby)

READING CHARACTERS

- Minimum resolution: 4 mils
- Reading rate: 400 scans/sec
- Light source: Red LED 610-650 nm
- Ambient lighting:
 - 0 - 120,000 lx / 11,148 foot candle (fc)
- Field of view: 65°±2°
- Reading angle: roll ±45°, grade ±65°, angle ±70°

ENVIRONMENTAL CONDITIONS

- Operating temperature: 0 to +50 °C (32 to 122 °F)
- Storage temperature: -40 to +70 °C (-40 to 158 °F)
- Relative humidity: 90% rel. (w/o condensation)
- Drop specification: withstands multiple drops on concrete: 1.50 m (59.06 inches)
- Environmental sealing: IP42

BAR CODE TYPES

Linear 1D bar codes

- UPC-A/UPC-E
- EAN-8/EAN-13
- GS1 DataBar™ Codes
- GS1 DataBar™ Stacked
- GS1 DataBar™ Expanded Stacked
- GS1 DataBar™ Stacked Omnidirectional
- Interleaved 2 of 5
- Standard 2 of 5
- Code 128/GS1-128
- Code 39
- Code 93
- Codabar

APPROVALS

- CE
- UL/USA
- CSA/Canada
- KCC/Korea
- BSMI/Taiwan
- VCCI/Japan
- NOM NYCE/Mexico
- C-Tick/Australia
- EAC Zollunion/Russia/Belarus/Kasachstan
- China ROHS
- EU ROHS

DIMENSIONS

- Height: 163 mm (6.42 inches)
- Width: 64 mm (2.52 inches)
- Depth: 91 mm (3.58 inches)

WEIGHT

- 150 grams (0.33 lbs)