

DIEBOLD NIXDORF EL60 STATIONARY SCANNER

HIGH-PERFORMANCE IMAGE SCANNER FOR ON-COUNTER INSTALLATIONS

The Diebold Nixdorf scanner portfolio is expanded by the EL60 high-performance image scanner for on-counter installation. The stationary EL60 scanner is based on imaging technology and is suited for self-service and specialty retail, department stores, service stations, DIY stores and other retail outlets with high-volume points of sale.

Thanks to its excellent scanning features, low total weight and minimal footprint, this multicode-capable horizontal on-counter image scanner is especially suited for installation at checkouts where conditions are cramped or there is very little space available.

HIGH-PERFORMANCE IMAGING TECHNOLOGY

The imaging technology provides excellent results capturing and decoding linear, 2D and GS1 DataBar™ labels. It can scan difficult labels, including truncated, hard-to-read, out-of-spec or poorly printed bar codes. The EL60's image-capture capability allows bar codes to be recognized quickly and intuitively in both scanning and presentation modes. In addition, its intelligent illumination technology enables new applications, such as reading of bar codes from smartphones and PDAs, ID documents and coupons.

LONG LIFE, SIMPLE TO USE

The imaging technology does not require moving components, laser modules or spinning motors, unlike current laser-based stationary scanners, thus ensuring a long life-cycle and simple operation. What's more, users receive audio and visual confirmation that the bar codes have been scanned correctly. This includes a green LED that lights up in the upper area of the scanning window.

EASILY UPDATED AND MAINTAINED

The EL60 also includes a microSD card reader to support software management and maintenance. This enables the software-based scanner functions to be modified easily and flexibly even after initial installation. The high-performance image scanner features a multi-interface. It also comes with a deactivator antenna for connecting a Checkpoint electronic article surveillance (EAS) system. The RS232 AUX port permits connection of a hand-held scanner. The EL60 is powered by the BEETLE system via powered interfaces (RS232 or USB), or through an external power supply unit if no powered interface is available.



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HIGHLIGHTS

The high-performance EL60 on-counter image scanner at a glance:

- Suitable for high-volume points of sale
- Omnidirectional recognition of linear 1D, 2D and GS1 DataBar™ bar codes, including those on smartphones and PDAs
- Compact with a small footprint and low weight and power consumption
- Integrated deactivator antenna for an EAS Checkpoint system
- Excellent, multicode scanning of hard-to-read and poorly printed bar code labels
- RS232 or USB interface powered by the BEETLE POS system family
- Imaging technology without moving parts improves reliability and lengthens the service life
- Captures and stores images on a microSD card or transfers them to the BEETLE system
- Configuration with programming bar codes or microSD card

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

Stationary image scanner (vertical), multi-interface

- Magellan 3200VSi, 1D, RS232 Power of Terminal (POT) interface cable [EL-60001]
- Magellan 3200VSi, 2D, RS232 Power of Terminal (POT) interface cable [EL-60002]
- Magellan 3200VSi, 2D, RS232 Power of Terminal (POT) interface cable, wall mount [EL-60002L]
- Magellan 3200VSi, 1D, USB 12V Power of Terminal (POT) interface cable [EL-60011]
- Magellan 3200VSi, 2D, USB 12V Power of Terminal (POT) interface cable [EL-60012]
- Magellan 3200VSi, 2D, USB 12V Power of Terminal (POT) interface cable, wall mount [EL-60012L]

Optional

- EAS interlock cable; can be used for EL43, EL46, EL60 and EL61 [EL-4304-2]

INTERFACES

- RS232
- USB

POWER SUPPLY

- From the powered COM or USB port or external power supply unit: 8.75 W (operation)/2.0 W (sleep)

ENVIRONMENTAL CONDITIONS

- Operating temperature: 0 to +40 °C [32 to 104 °F]
- Storage temperature: -40 to +70 °C [-40 to 158 °F]
- Relative humidity: up to 95% (without condensation)

APPROVALS

- CE
- TÜV
- KCC / Korea
- VCCI / Japan
- NOM / Mexico
- BSMI / Taiwan
- C-Tick / Australia
- PCT / Russia

READING CHARACTERISTICS

- Minimum resolution: 5 mils
- Image sensor: 1,280 x 1,024
- Scan rate: 39 million pixels/s
- Reading range: dependent on print contrast, resolution and ambient light
- Minimum distance determined by symbol length and scan angle:
 - 5 mils: 1.3 to 6.4 cm [0.51 to 2.52 inches]
 - 7.5 mils: 1.3 to 11.4 cm [0.51 to 4.49 inches]
 - 10 mils: 0.0 to 15.2 cm [0 to 5.98 inches]
 - 13 mils: 0.0 to 20.3 cm [0 to 7.99 inches]
 - 20 mils: 0.0 to 22.9 cm [0 to 9.02 inches]
- Illumination: multiple 625 nm LEDs
- Print contrast: 25%
- Ambient lighting:
 - Indoors: <6,000 lux/557 foot-candle
 - Outdoors: <86,100 lux/7,999 foot-candle
- Reading angle:
 - Rotation: 0 - 360°, pitch ±65°, angle: ±75°
- Image capture:
 - Graphic formats: BMP, JPEG

BAR CODE TYPES

- Linear 1D bar codes
 - UPC-A/UPC-E
 - EAN-13/EAN-8
 - GS1 DataBar™ Codes
 - GS1 DataBar™ Stacked
 - GS1 DataBar™ Expanded Stacked
 - GS1 DataBar™ Stacked Omnidirectional
- Additionally with the 2D version
 - PDF417
 - MicroPDF417 – Datamatrix
 - MaxiCode
 - QR Code
 - MicroQR
 - Aztec Code

DIMENSIONS

- Height: 142 mm [5.59 inches]
- Width: 152 mm [5.98 inches]
- Depth: 82 mm [3.23 inches]

WEIGHT

- 600 g [1.32 lbs]