

## DIEBOLD NIXDORF EL61 STATIONARY SCANNER

# HIGH-PERFORMANCE IMAGE SCANNER FOR IN-COUNTER INSTALLATION

The Diebold Nixdorf scanner portfolio is expanded by the EL61 high-performance image scanner for in-counter installation. The stationary EL61 scanner features imaging technology that makes it ideal for self-service and specialty retail stores as well as department stores and other businesses with high product turnover.

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

### HIGH-PERFORMANCE IMAGING TECHNOLOGY

The imaging technology produces excellent results when capturing and decoding linear, 2D and GS1 DataBar™ labels. Even difficult-to-read labels such as ones that have been cut off or feature non-standard or poorly printed bar codes, can still be scanned. The EL61's image-capture capability allows bar codes to be captured quickly and intuitively in both scanning and presentation modes. 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

Unlike current laser-based stationary scanners, the EL61 does not require moving components, laser modules and spinning motors thanks to its imaging technology, which ensures a long life-cycle and simple operation. What's more, users receive not only audio, but also visual confirmation of the bar codes having been scanned correctly. This includes a green LED that lights up in the scanning window.

### EASILY UPDATED AND MAINTAINED

The EL61 also features a microSD card reader to support software management and maintenance. This enables the software-based scanner functions to be modified easily even after initial installation. The high-performance image scanner features a multi-interface and comes with a deactivator antenna for connecting a Checkpoint electronic article surveillance (EAS) system. The RS232 AUX port permits connection of a handheld scanner. The EL61 is powered by the BEETLE system via the 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 EL61 in-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
- Excellent, multicode scanning of hard-to-read and poorly printed bar code labels
- Integrated EAS deactivator antenna for a Checkpoint system
- 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
- Suitable for replacing the horizontal, stationary scanner EL46

## SERVICE OPTIONS

Tailored services enable efficient deployment of solutions and the highest possible system availability and security based on the Diebold Nixdorf AllConnect Services<sup>SM</sup> 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 horizontal image scanner, multi-interface

- Magellan 3300HSi, 1D tin oxide class top cover [EL-6111]
- Magellan 3300HSi, 1D, sapphire glass top cover [EL-6131]
- Magellan 3300HSi, 2D, sapphire glass top cover [EL-6132]

#### Additionally, but alternatively: interface cable

- RS232 with Power of Terminal (POT), straight [EL-4607-2]
- RS232 for external power supply unit, straight [EL-DLSE-12]
- USB powered, straight [EL-DLSE-20]

#### Optional power supply unit

- External power supply unit [EL-DLSEP-10]
- EU line cord [KB-3037]

#### 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: 9.9 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: 5% to 95% (without condensation)

### APPROVALS

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

### SCANNER CHARACTERISTICS

- Minimum resolution: 5 mils
- Image sensor: 1,280 x 1,024
- Scan rate: 39 million pixels/s
- Illumination: multiple 625 nm LEDs
- Print contrast: 25%
- Ambient lighting:
  - <86,100 lux / 7,999 foot-candle
- 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
  - Interleaved 2 of 5
  - Standard 2 of 5
  - Code 128/EAN 128
  - Code 11
  - Code 93
  - Codabar
- Additionally with the 2D version
  - PDF417
  - MicroPDF417
  - Datamatrix
  - MaxiCode
  - QR Code
  - Aztec Code

### DIMENSIONS

- Height: 152 mm (5.98 inches)
- Width: 152 mm (5.98 inches)
- Depth: 82 mm (3.23 inches) (below checkout desk)

### WEIGHT

- 790 g (1.74 lbs)