

## DIEBOLD NIXDORF EL66 HANDHELD SCANNER

# 2D MULTICODE IMAGE HANDHELD SCANNER

The EL66 2D multicode handheld scanner with imaging technology is an easy-to-use device for general applications at department stores and service stations and in drugstores, pharmacies, DIY stores and other retail establishments. Its advanced 2D-imaging technology means this handheld scanner offers outstanding performance — as evidenced by its ability to capture and decode linear 1D, 2D and GS1 DataBar™ labels.

### INTUITIVE, FAST BAR CODE READING

Labels that are difficult to read, such as ones that have been cut off or feature non-standard or poorly printed bar codes, are scanned reliably and efficiently in both the EL66's handheld and presentation modes. Scanning with the EL66's advanced 2D-imaging and motion technology supports intuitive, fast bar code reading without requiring the user to position the label in any particular way. The image-based EL66 can be used with or without a stand and automatically switches to the desired scanning mode. In addition to the speed and accuracy retailers demand for processing linear 1D bar code labels, the EL66 offers the possibility of scanning 2D bar code labels with a comparable quality. 2D-imaging technology enables omnidirectional bar code scanning not only on traditional media like paper or packages, but also on smartphones, displays and PDAs.

### COUPONS, TICKETING AND MORE

With the EL66, retailers can serve customers who download electronic coupons, customer cards and more on their mobile devices. This bar code recognition means the EL66 can also be used for mobile couponing and mobile ticketing at theaters, amusement parks and stadiums, places where electronic tickets are used.

### INNOVATIVE ILLUMINATION TECHNOLOGY

With its constant, dark-red light, the EL66's illumination technology is gentle to the eyes and does without the flickering light known from other scanners on the market. The highly visible four-point aimer with center-cross defines the reading zone and avoids unexpected scanning. The visual green spot allows for immediate reading feedback on the bar code, thus enhancing the EL66's convenience. With enhanced motion tolerance, the EL66 also offers scanning for quickly moving codes.

### POWERED BY BEETLE

The EL66's power supply comes directly from a powered interface on the BEETLE POS system. The 2D multicode handheld scanner is available with a multi-interface model (USB, RS232, wedge emulation) and can adapt to current and future methods of connecting to POS systems.



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## FEATURES

### Overview of the EL66 2D handheld scanner:

- Suitable for universal use at department stores and other retail establishments
- Recognition of linear 1D, 2D, postal and GS1 DataBar™ bar codes
- Optics with enhanced motion tolerance
- Bar code recognition on smartphones, displays and PDAs
- Excellent multicode scanning of hard-to-read and poorly printed bar code labels
- Omnidirectional scanning in both handheld and presentation modes
- Additional visual read confirmation directly on the bar code
- Highly visible four-point aimer with center cross for targeted scanning
- Multi-interface support
- Powered interface in BEETLE POS system family

## 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

#### 2D handheld scanner, multi-interface

- GD4400 Image Scanner SR black [EL-6601]
- GD4400 Image Scanner SR gray [EL-6602]
- GD4400 Image Scanner SR with permanent base black [EL-6603]
- GD4400 Image Scanner SR with permanent base gray [EL-6604]

#### Additional interface cable alternatives

- Straight RS232 Power of Terminal (POT) [EL-3904-2]
- Straight USB powered [EL-DSL-12]
- Straight USB Type A [EL-DLS-US4]
- Straight KBW [EL-4510-2]
- Straight PS/2 Mini DIN [EL-5209]
- Coiled AUX [EL-5706]
- Coiled RS232 Power of Terminal (POT) 3.00 m (118.11 inches) [EL-5707]
- Coiled RS232 with Power of Terminal (POT) 3.60 m (141.73 inches) [EL-DLS-C01]
- **Holder** (optional)
  - Holder gray [EL-5708]
  - Holder black [EL-5709]

### INTERFACES

- RS232
- USB

### POWER SUPPLY

- Via powered COM\* [EL-3904-2 / EL-5707 / EL-DLS-C01]
- Via powered USB [EL-DSL-12 / EL-DLS-US4] 160 mA

### 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 % rel. (without condensation)
- Protection class: IP52

### READING CHARACTERISTICS

- Resolution: 4 mils
- Motion tolerance: up to 63.5 cm/s (25 inches/s)
- Image capture:
  - Graphic formats: BMP, JPEG, TIFF
  - Grayscale: 256
- Light source:
  - Aiming pattern: 650 nm VLD
  - Illumination: several LEDs
- Ambient light: 0 - 100,000 Lux / 9,290 footcandle
- Reading angle: Roll (tilt): 0 - 180°, pitch ±40°, skew (yaw): ±40°

### 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 / EAN 128

- Code 39
- Code 93
- Code 32
- Codabar

#### 2D bar codes

- PDF417
- MicroPDF417
- Datamatrix
- MaxiCode
- QR Code
- MicroQR
- Aztec Code

### APPROVALS

- CE
- KCC / Korea
- VCCI / Japan
- BSMI / Taiwan
- C-Tick / Australia
- China ROHS
- EU ROHS

### DIMENSIONS

- Height: 181 mm (7.13 inches)
- Width: 71 mm (2.80 inches)
- Depth: 100 mm (3.94 inches)

### WEIGHT

- 195 g (0.43 lbs)