

DIEBOLD NIXDORF EL66 WIRELESS HANDHELD SCANNER

2D MULTICODE IMAGE HANDHELD SCANNER

DIEBOLD
NIXDORF

The EL66 wireless 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 wireless' handheld and presentation modes. The wireless 2D multicode handheld scanner with wireless technology automatically switches between stand and presentation mode depending on whether the device is in the base station or being held. The two-position base station enables the scanner to be used in presentation or stand modes while it is recharging. Processing of linear 1D bar code labels means the wireless EL66 can also read 2D bar code labels with a comparable quality. 2D-imaging technology enables omnidirectional bar code scanning not only on traditional media like paper or packaging, but also on smartphones, displays and PDAs.

COUPONS, TICKETING AND MORE

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

INNOVATIVE ILLUMINATION TECHNOLOGY

With its constant, dark-red light is gentle to the eyes and does without the flickering light familiar from other scanners on the market. The highly visible four-point aimer with center-cross defines the read area and avoids unexpected scanning. The visual green spot allows for immediate reading feedback on the bar code, thus enhancing the wireless EL66's convenience.

WIRELESS CONNECTIVITY

The Bluetooth or RF 433 MHz technology used in the EL66 has a range of up to 30 meters (98.43 feet) and transfers the scanned data directly to the base station, which is connected directly to the BEETLE POS system. The base station of the wireless 2D multicode handheld scanner has a multi-interface module (USB, RS232, wedge emulation) and can adapt to current and future methods of connecting to POS systems.

The base station of the EL66 wireless 2D handheld scanner transfers the scanned data to the POS system and recharges the scanner's battery. The base station is supplied with power directly from the BEETLE POS system or from an external source. Use of an external power supply unit is recommended, since it takes less time and makes recharging possible even if the POS system is off.



FEATURES

Overview of the wireless EL66 2D handheld scanner:

- Bluetooth technology with a range of up to 30 meters (98.43 feet)
- Suitable for universal use at department stores and other retail establishments
- Recognition of linear 1D, 2D, postal and GS1 DataBar™ bar codes on smartphones, displays and PDAs
- Additional visual-read confirmation directly on the bar code
- Highly visible four-point aimer with center cross for targeted scanning
- Two-position base station with the possibility of scanning while the battery is being recharged
- Multi-interface support

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

Wireless 2D handheld scanner, multi-interface

- GBT4400 Image Scanner SR Bluetooth black [EL-6611] / gray [EL-6612]
- BC4030-BT Base / Charger Bluetooth black [EL-6613] / gray [EL-6614]
- GM4400 Image Scanner SR 433 MHz black [EL-6621]
- BC4030-433 Base / Charger 433 MHz black [EL-6623]

Alternative interface cables (additional)

- Straight RS232 with 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 with 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]

Mains connection

- Ext. power supply unit: 12V [EL-DLS-PS]
- Power supply cable: EU [KB-3037]

INTERFACES

- RS232
- USB

ELECTRICAL DATA

- Battery type: Lithium-ion, 2100 mAh
- Recharging time: 4 hours [with a 12V external power supply]
- Reads before recharging: 50,000
- LEDs on the charging station:
 - Battery charging (red)
 - Charging completed (green)
 - Supply/data (yellow)
- Voltage supply:
 - Interface cable, 5V
 - External power supply unit, 12V
- Power consumption:
 - At work <2.5W / 5V, recharging <8W,
 - Idle mode < 2.5 mA / 5V

ENVIRONMENTAL CONDITIONS

- Operating temp.: 0 to +50 °C [32 to 122 °F]
- Recharging temp.: 0 to +40 °C [32 to 104 °F]
- Storage temp.: -20 to +70 °C [-4 to 158 °F]
- Relative humidity: 5 to 95 % [w/o condensation]
- Protection class: IP52

READING CHARACTERISTICS

- Minimum 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: 0–180°, pitch ±40°, skew: ±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
- 4QR Code
- MicroQR
- Aztec Code

Post codes

- Australian Post
- China Post
- IMB
- Japanese Post
- KIX Post
- Korea Post
- Planet Code
- Postnet
- Royal Mail Code (RM4SCC)

APPROVALS

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

DIMENSIONS

Scanner

- Height: 181 mm [7.13 inches]
- Width: 71 mm [2.80 inches]
- Depth: 100 mm [3.94 inches]

Base station

- Height: 186 mm [7.32 inches]
- Width: 99 mm [3.90 inches]
- Depth: 56 mm [2.20 inches]

WEIGHT

- Scanner: 245 g [0.54 lbs]
- Base station: 246 g [0.54 lbs]