High-Performance Scanner EL68

High-Performance 2D Full-Image Bioptic Scanner EL68

The high-performance 2D Full Image Bioptic EL68 scanner is suitable for use in the food retail and wholesale trade, self-service and other retail trade with a high throughput. The used imaging technology provides superior performance in terms of the omnidirectional detection and decoding of linear, 2D and GS1 Databar ™ labels. The power of full imaging technology becomes particularly evident with labels that are hard to read, such as low-contrast or damaged barcodes. In addition, enormously the lighting technology increases the usage in new applications e.g. reading bar codes from smartphones and other mobile devices, identification cards documents and goods coupons. New mobile applications, e.g. mobile couponing, mobile ticketing are possible, which could not be supported by currently available laser-based bioptic scanners. The design of the EL68 is identical in its dimensions for your counter-cutting to currently available bioptic scanner products on the market. Due to this fact it is easily possible to integrate the EL68 into existing checkouts installations.

Also given by the large scan window the scan area is comparable to laser-based, bioptic scanners.

The full imaging technology eliminates the use of moving parts, e.g. laser modules and rotating motors, thus contributes to a long-lasting, issue-free operation.

Another feature of the EL68 is a built-in USB port to support of software administration and maintenance. The software-based scanner functions can be easily modified even after the initial installation. In addition, a deactivation antenna for connecting a Checkpoint EAS Systems (EAS) is included. As required by retailers of bioptic scanner products a checkout scale can be installed optional below the horizontal sapphire scan window of the EL68. The existing RS232 auxiliary port allows a connection of a handheld scanner.

In addition, a customer-side 2D scanner CSS for the EL68 is available. This 2D customer scanner CSS can either be integrated in the housing of the EL68, right or left side, depending on the POS check stand ergonomics.

Reading of barcode labels form smartphones and other mobile devices made by the customer at the 2D customer side scanner (CSS) can be executed in parallel to the traditional sales process of the cashier.

The EL68 is powered directly by the BEETLE system via the PoweredUSB interface. Optionally, if no-powered interface is available, an external power supply provides the power for the scanner. The multiple interface of the high-performance 2D full image bioptic scanner enables simple exchange of the interface cable when the system is changed and so protects investments.

WINCOR NIXDORF

**Der High-Performance
2D Full-Image Bioptic Scanner EL68
overview:**

- Suitable for use in self-service, food retail store and wohlesale
- Recognition of linear 1D, 2D- and GS1 DataBar™ barcodes
- Omni-directional barcode recognition also from smartphone displays
- Functional design
- Optional integration of a check out scale
- Excellent, multi-code scan performance with high throughput
- USB-Port for service and software administration
- Optional customer-facing 2D scanner (CSS)
- Easy integration into existing checkout installation
- Multiple interface
- Low power consumption
- Supported by the powered interface on the BEETLE system
- Plug&Play compatibility Wincor Nixdorf ProBase UPOS

TECHNICAL DATA

System Versions
High-Performance 2D Full-Image Bioptic Scanner, multi-interface
- MP6000 sapphire, medium with Checkpoint EAS, scale prepared (EL-6802)

Additional interface cable alternatives
- straight RS232 for usage with external power adapter 5,0 m (EL-MOT-RS2)
- straight PoweredUSB 12V 5,0 m (EL-MOT-US3)

Power brick /alternative power line cord
- external power brick 12V (EL-MOT-PS)
- power line cord EU, black (KB-3037)
- power line cord UK, black (KB-3039)
- power line cord CH, black (KB-3038)
- power line cord USA, black (KB-3030)

Optional scanner on customer side (CSS)
- integrated 2D scanner for barcode recognition Smartphone (EL-MOT-CSS)

Optional accessories
- levelling screws for optimal adjustment in checkout desk (4 pcs.) (EL-MOT-LEV)

Interfaces
- RS232
- USB

Power Supply
RS232
- via power brick 12V and country specific power line cord (EL-MOT-PS + KB-303x)

USB
- via PoweredUSB 12V interface cable (EL-MOT-US3)

power consumption
- less than 5.5W while scanning

Environmental Conditions
- Operating temperature: -0 bis +40 degrees C
- Storage temperature: -40 bis +70 degrees C
- Relative humidity: 20 to 95% rel. (without condensation)

Reading Characteristics
- Image Recognition: multiple CMOS Array Imager
- Light source: Illumination: several LED's 640nm, controlled by item detection system
- Ambient light: indoors: <4842 Lux/450 footcandle outdoors: <86080 Lux/8000 footcandle
- Sides Read/Scan Zone: all six sides, 720° coverage

Barcode Types
- linear 1-D barcodes
  - 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
  - Discrete 2 of 5
  - Code 128/GS1- 128
  - Code 39
  - Code 93
  - Codabar
- 2-D barcodes
  - PDF417
  - MicroPDF417
  - Datamatrix
  - QR Code
  - MicroQR
  - Aztec Code

Approvals
- CE
- UL (US & Canada)
- KCC/Korea
- VCCI/Japan
- China ROHS
- EU ROHS

Dimensions
- Height: 230 mm
- Width: 292 mm
- Depth: 399 mm

Dimensions when installed
- Above checkout desk: b128 mm
- Below checkout stand: 102 mm

Weight
- 5,9 kg