DIEBOLD NIXDORF EL67
MULTICODE HANDHELD SCANNER

2D AREA IMAGE HANDSCANNER

Diebold Nixdorf is proud to introduce the latest addition to our handheld-scanner portfolio, the 2D Area Image Scanner EL67 — a device that can add value to all retail segments. The 2D handheld scanner scans 1D, 2D and GS1 DataBar™ labels with the same speed as a laser scanner.

FAST, FLEXIBLE FUNCTIONALITY

The area imaging technology enables intuitive, omnidiretional scanning of linear and 2D bar code labels with no need for special orientation of the bar code by the user. Hard to read labels, such as low-contrast and damaged bar codes, are recognized without problems thanks to the device's imaging technology.
The device gives retailers greater flexibility through its illumination technology, which can read bar codes from smartphones and other mobile devices, IDs and goods coupons, as well as printed 1D and 2D bar codes.

NEW CONSUMER APPLICATIONS

The scanner gives retailers and consumers greater access to new mobile applications, such as mobile couponing and mobile ticketing. Customers can also store loyalty cards and more right on their smartphones. The EL67 offers several innovative reading technologies, including green spot technology and the new LED-based aiming system Eye-Easy-Illumination, which simplifies the scanner's processes by projecting two additional blue LED triangles to assist in the bar code reading.

EASY TO POWER, EASY TO USE

With its lightweight, ergonomic design, the scanner is comfortable and easy to use even during long workdays.
The EL67 is powered by the BEETLE system via Powered USB or powered RS232 interface.
The multiple interface of the 2D area image handheld scanner enables simple switch of the interface cable when the BEETLE system is exchanged and thus protects investments.

HIGHLIGHTS

The 2D area image handheld QD2430 EL67 at a glance:

- Suitable for use in all retail market segments
- Recognition of linear 1D, 2D and GS1 DataBar™ bar codes
- Omnidirectional bar code recognition also supports smartphone displays
- LED-based Eye-Easy-Illumination aiming system
- Visual good read feedback by green spot technology
- Multiple interface
- Low power consumption
- User-friendly
- Lightweight, ergonomic design
- Offers remote management
- Supported by the powered interface on the BEETLE system
- Plug-and-play compatibility with Diebold Nixdorf ProBase UPOS

SERVICE OPTIONS

Tailored services enable efficient deployment of solutions and the highest possible system availability and security based on the Diebold Nixdorf AllConnect Services℠ 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 area image handheld scanner, multi-Interface** • QD2430 QuickScan™ Imager 2D black (EL-6701) • QD2430 QuickScan™ Imager 2D grey (EL-6702) **Additional interface cable alternatives** • Straight RS232 POT (Power of Terminal) 3.00 m (EL-3904-2) • Straight USB Powered 2.00 m (EL-DSL-12) • Straight USB Typ A 2.00 m (EL-DLS-US4) • Straight KBW 1.50 m (EL-4510-2) • Coiled AUX 3.00 m (EL-5706) • Coiled RS232 POT (Power of Terminal) 3.00 m (EL-5707) • Coiled RS232 POT (Power of Terminal) 3.60 m (EL-DLS-C01)
INTERFACES	• RS232 • USB
POWER SUPPLY	• Directly powered from the BEETLE system • RS232 (EL-3904-2/EL-5707/EL-DLS-C01) • USB (EL-DLS-12/EL-DLS-US4) • 140 mA (Operating) • 50 mA (Idle/Standby)
ENVIRONMENTAL CONDITIONS	• Operating temperature: 0 to +40 °C (32 to 104 °F) • Storage temperature: -40 to +70 °C (-40 to 158° F) • Relative humidity: 0 to 95% rel. (without condensation) • Drop-resistance: withstands repeated drops from 1.50 meters (59 inches) onto a concrete surface • Particulate and water sealing: IP42

READING CHARACTERISTICS	• Minimum resolution: 4 mils
	• Motion tolerance: up to 63.5cm/sec. (25 inches/sec.)
	• Image sensor: wide VGA (752x480)
	• Ambient light: up to 86,000 Lux / 7,990 footcandle
	• Reading angle: +/- 65°
	• Light Source:
	  – Illumination: red LED 610-650nm
	  – 2 blue LED's for aiming
	  – Visual green spot good read feedback

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
	  – Discrete 2 of 5
	  – Code 128/GS1-128
	  – Code 39
	  – Code 93
	  – Codabar
	• 2D bar codes
	  – PDF417
	  – MicroPDF417
	  – Datamatrix
	  – QR Code
	  – Aztec Code
	  – Maxicode

APPROVALS	• CE • UL (US & Canada) • KCC/Korea • VCCI/Japan • NOM/Mexico • GOST/Russia • China ROHS • EU ROHS
DIMENSIONS	• Height: 163 mm (6.42 inches) • Width: 91 mm (3.58 inches) • Depth: 41 mm (1.61 inches)
WEIGHT	• 145 g (0.32 lbs)

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