

DIEBOLD NIXDORF BEETLE /moPOS MOBILE POS SYSTEM

THE BEST OF BOTH WORLDS: FROM MOBILE TO STATIONARY POS

Internet-enabled devices such as smartphones and tablets are revolutionizing our everyday lives. The access to information at all times changes the way we shop and buy goods. As part of the omnichannel, seamless approach, retailers can use mobile technology to improve customer service and the consumer shopping experience. BEETLE /moPOS is our innovative mobile POS solution that offers retailers an easy and cost-effective way to migrate current Windows-based stationary POS applications to modern tablet technologies. It offers the required power, connectivity and functionality of a stationary POS system as well as the mobility to serve customers anywhere at anytime.

DESIGNED WITH FLEXIBLE BUILDING BLOCKS

BEETLE /moPOS is a modular and scalable hardware and middleware solution with various building blocks to support a wide range of retail use cases.

- 8.3" and 10.1" industrial Windows tablets support fat, cloud or server-based solution architectures.
- An optional Docking Unit offers theft protection, recharges the battery and identifies the ID of the tablet.
- A POS Device Hub serves as a shared service point between tablets and allows the connection of the POS peripherals.

INTELLIGENT PLUGIN PERIPHERAL DEVICES WITH EXPANDED FUNCTIONALITY

SmartBack options are adaptable peripheral devices that plug into the back side of the tablet to enhance functionality.

- The SmartBack MSR supports cashless transactions via debit or customer card.
- The SmartBack PIN pad holds an EMV-certified device that accepts and encrypts the cardholder's personal identification number.
- An integrated 2D SmartBack scanner for high performance barcode scanning.

MADE FOR RETAIL, BUILT TO LAST

BEETLE /moPOS systems are designed and manufactured specifically for retail.

- Industrial design for maximum availability
- Immune to static discharge, RF interference and environmental influences
- Excellent drop resistance
- Long availability and service of the individual building blocks protect existing investments



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FEATURES

APPLICATION

- Mobile information terminal for customer-facing services and store administration tasks
- Mobile sales terminal for queue busting and checkout including mobile "cashless" payments
- Mobile POS system can also be used as a full-feature stationary POS system

EASY-TO-USE MIDDLEWARE

The BEETLE /moPOS middleware software allows the m:n wireless connectivity of the tablets and POS Device Hubs making this a unique and powerful solution.

- Middleware software complies with the well-established Unified POS specification
- Open application programming interface (API) with plug-in features supports 3rd party products and POS applications (JavaPOS, POS4.net, OPOS, HTML5)
- Intuitive Admin Server allows easy management of the relationship between tablets and POS Device Hubs

SOFTWARE OPTIONS

Operating systems:

- Windows 8.1 Professional /10 IoT Enterprise
 - Windows Emb. 8.1 Industry for Retail
- Designed for any Windows POS application

SERVICES OPTIONS

Tailored services enable efficient deployment of solutions and the highest possible system availability and security based on the Diebold Nixdorf 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, Consulting Services

DIMENSIONS



WEIGHT
8.3" tablet: 540 gr (1.19 lbs.)
10.0" tablet: 755 gr (1.66 lbs.)

DEPTH
12.7 mm (0.5 inches)



The look, dimensions, capabilities or other characteristics of this terminal are subject to continual improvement and change.

SYSTEM OPTIONS

PROCESSOR	<ul style="list-style-type: none"> • Intel Z3745 Quad Core 1.8 GHz • Intel Z3795 Quad Core 2.37 GHz
MAIN MEMORY	2 or 4 GB
STORAGE	<ul style="list-style-type: none"> • 64 GB • Up to 2 TB MicroSDXC cards
DISPLAY	<ul style="list-style-type: none"> • Display size: 8.3" and 10.1" • Touch technology: 10-point capacitive multi-touch • Max. resolution: 1,920 x1,200 pixels (WUXGA)
CONNECTIVITY	<ul style="list-style-type: none"> • Tablet interfaces: USB 2.0, 3.5 audio • WLAN: IEEE 802.11 a/b/G/n • Bluetooth: 4.0 + HS (class 2 or 1 up to 7dBm) • WWAN: 3G / LTE option • NFC: P2P, MIFARE, FeliCa • GPS: GPS / GLONASS
ENVIRONMENT	<ul style="list-style-type: none"> • IP65 (dust and splash water resistant) • Drop height: 1m (1.8m with jacket)
SENSORS	<ul style="list-style-type: none"> • Camera: 8MP back, 2 MP front • Ambient light sensor • Proximity sensor • Compass • Gyroscope • Accelerometer
SYSTEM MANAGEMENT	<ul style="list-style-type: none"> • Type: removable Li-Po battery, 22.4 Wh • Operating time: up to 10 hours • Charging: via USB or Docking Unit

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.