

## DIEBOLD NIXDORF BA9X FAMILY: BA92, BA93 AND BA93W OPERATOR DISPLAY SERIES

# BEZEL-FREE AND ROBUST POS TOUCHSCREENS

DIEBOLD  
NIXDORF

The BA9x (BA92, BA93 and BA93W) is the new touchscreen generation developed by Diebold Nixdorf. These screens are the result of decades of experience and expertise in developing POS solutions combined with an understanding of the evolving market and the needs of our customers. Touchscreen technology and the innovations that enhance a user's interaction with data have rapidly increased in popularity and are the norm for many businesses. Multitouch capabilities and intuitive interfaces open the door to greater efficiency and brand perception by consumers.

### DESIGN

Equipped with a robust aluminum housing and a sleek, modern bezel-free design, the BA9x family allows for multitouch applications with projected capacitive touch. The BA9x touchscreen family is versatile and can be used with ePOS terminals or as interactive kiosk/touchpoint. Its elegant, slim design and graphical user interface creates an attractive addition to stylish and modern checkout lanes. The bezel-free design gives the displays the look and feel of modern smartphones and tablets and makes them easy to maintain and clean. The BA9x displays feature an antiglare surface to reduce light reflections and improve readability.

### INTERFACES

The BA9x family features the unique Diebold Nixdorf PanelLink2™ interface, which allows for the operation of the displays via a single cable solution. In addition, the display can also be used with standard Powered USB, DVI and VGA cables. Use of an external power supply is also possible thanks to a 12V DC connector. In this case, the data transfer is done by a USB A-B cable.

### PERIPHERALS

The BA9x touchscreen suite has an integrated USB hub and outlets on each side of the screen, allowing for the easy and quick installation of valuable peripherals, such as the magnetic stripe reader (MSR) or waiter lock (iButton), eliminating the need for more cables.

### SCREEN FEATURES

The screens are equipped with a TFT Panel with LED backlight which produces perfect readable user interfaces under all light conditions. BA92, BA93 and BA93W feature projected capacitive technology (10 points multitouch supported). There is also a version equipped with resistive touch technology and a non-touch version available for BA92 and BA93, allowing the screens to be used as either an operator or a customer display. All BA9x displays are equipped with ambient light sensor (ALS) and a presence sensor to reduce the power consumption. The BA93W's wide format 16:9 screen combined with its excellent color quality and brightness makes it the perfect solution for commercials and promotional videos.



## FEATURES

### IMPLEMENTATION

The BA92, BA93 and BA93W can be integrated into almost all POS systems due to its small footprint. The VESA-compatible mounting solution allows the screen to be used not only as a desktop model but also as a wall or pole-mounted system. As a dual screen solution, it is possible to mount a second display (BA90 8", BA91W 10.1" or BA92 12.1") to the back of the main display with the help of a dual display adapter.

### POWER CONSUMPTION

The low power consumption is compliant with EnergyStar standards helping reduce the environmental impact of the ePOS systems as well as the total costs of ownership.

## 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

	BA92	BA93	BA93W
<b>SCREEN SIZE</b>	12.1"	15"	15.6"
<b>WEIGHT</b>	2.0 kg / 4.41 lbs (w/o base) 4.5 kg / 9.92 lbs (with base)	2.9 kg / 6.39 lbs (w/o base) 5.4 kg / 11.91 lbs (with base)	3.2 kg / 7.05 lbs (w/o base) 5.7 kg / 12.57 lbs (with base)
<b>RESOLUTION</b>	800 x 600	1,024 x 768	1,360 x 768
<b>NUMBER OF COLORS</b>	16.7 mio	16.7 mio	16.7 mio
<b>BRIGHTNESS</b>	PC-touch: 400 cd/m <sup>2</sup> R-touch: 335 cd/m <sup>2</sup> Non-touch: 400 cd/m <sup>2</sup>	PC-touch: 310 cd/m <sup>2</sup> R-touch: 260 cd/m <sup>2</sup> Non-touch: 310 cd/m <sup>2</sup>	PC-touch: 270 cd/m <sup>2</sup>
<b>CONTRAST</b>	800:1	800:1	500:1
<b>VIEWING ANGLE (°)</b>	80 / 80 (H) 60 / 80 (V)	80 / 80 (H) 80 / 80 (V)	85 / 85 (H) 80 / 80 (V)
<b>FORMAT</b>	4:3	4:3	16:9
<b>DIMENSIONS</b>	292 x 257.9 x 47 mm 11.50 x 10.15 x 1.85 inches	349 x 308.5 x 47 mm 13.74 x 12.15 x 1.85 inches	395 x 271.2 x 51.2 mm 15.55 x 10.68 x 2.02 inches
<b>INTERFACE</b>	PanelLink2™, DVI-D, VGA, USB-A, USB-B, Power-Jack	PanelLink2™, DVI-D, VGA, USB-A, USB-B, Power-Jack	PanelLink2™, DVI-D, VGA, USB-A, USB-B, Power-Jack
<b>OPTIONS</b>	Stand, Mounting pole, VESA 100	Stand, Mounting pole, VESA 100	Stand, Mounting pole, VESA 100
<b>AUDIO (USB)</b>	Integrated 2W	Integrated 2W	Integrated 2W
<b>POWER CONSUMPTION</b>	9.9 W (typical) < 0.5 W (standby)	12 W (typical) < 0.5 W (standby)	14.6 W (typical) < 0.5 W (standby)
<b>OPERATING TEMPERATURE</b>	5 to 40 °C 41 to 104 °F	5 to 40 °C 41 to 104 °F	5 to 40 °C 41 to 104 °F
<b>STORAGE TEMPERATURE</b>	-20 to +60 °C -4 to 140 °F	-20 to +60 °C -4 to 140 °F	-20 to +60 °C -4 to 140 °F

