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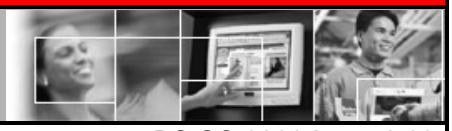
Retail Marketing Product Datasheet



Model 9900 Scanner Scale

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The Model 9900 Scanner & Scale product is the third generation high performance integrated multi-optic scanner that supports an optional weight scale module. It utilizes the functional characteristics of the Series 9000 & Orion 9500 scanners as its foundation and incorporates additional design features and characteristics that enhance its marketability.

The Model 9900 is a multi-optic design scanner in an integrated housing. When configured with a scale, the scanner/scale combination appears to be an integrated unit with the scale module mounted inside the scanner housing. The optic arrangement allows for projection of laser beams through the horizontal and vertical windows at various angles creating scan patterns that allow reading of barcode labels at various orientations to each window. The scanner features a low profile scan tower i.e., height of 5.80 inches (147 mm) and a below counter depth of not more than 3.50 inches (90 mm) for a scanner only **or** scanner/scale configuration. The styling is similar to that of the Orion9500 in terms of design lines and color and is capable of fitting into the checkout counter cutout for NCR and PSC products.

The scanner-decode and interface logic is resident on the scanner system controller board. This board is positioned at the rear edge of the housing below the optic assembly and is recessed from the read edge of the housing to allow cable connection horizontally. There are two versions of the controller board; one with RS-232 and one with IBM™ interface logic and connectors.

Each version of system controller board has an RS-232 port that supports connection of an intelligent handheld scanner (e.g., LS 400x, HC86) and EAS (Electronic Article Surveillance) ports for good read monitoring and antenna activation. Both models feature a factory-installed EAS antenna and provide full functionality and compatibility.

Functional characteristics such as speaker control for volume and tone, barcode label timeout settings (e.g., same label timeout), interface protocol characteristics, laser and motor time-out periods, and etc. are programmable via barcode programming labels (see ICL Scanner Program Manual, 45809/005). Once programmed, a "program cloning" feature allows the user or servicing technician to download program changes from one scanner to another by means of a cable connected to the RS-232 auxiliary port on each scanner. There are two visible indicators

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on the front surface of the scanner tower (i.e., green and yellow LEDs) that serve as operation status indicators, and an operator selection button that allows the user to adjust the speaker volume, this button also activates a scanner re-set function.

Technical Specifications of Model 9900 Scanner Scale:

Interface:	RS-232C with auxiliary RS-232 port IBM™ with auxiliary RS-232 port
Scan lines: (side window)	2000 lines p/second (24 lines, 6 directions)
(bottom window)	2667 lines p/second (32 lines, 8 directions)
Scan speed:	2.5 meter p/second (EAN standard label)
Depth of field: (side window)	0 to 250 mm (0 to 10 in.)
(bottom window)	0 to 150 mm (0 to 6 in.)
Switches:	Scanner re-set (motor/laser re-start) and volume control switch
Auto-discrimination:	5 symbols (UPC/EAN/JAN, Code 39, Code 93, Code 128, and Interleaved 2 of 5
Ambient light:	5,000 LUX max.
Power consumption:	14 W operating (8 W idle)

Additional Information

Raul Gabriel, USA04, Telephone: ITN (7888) 5567 or +1 858 458 5567
Email: rgabriel@ftxs.fujitsu.com