

Designed for high-speed, high-throughput applications, both the 110*PAX*4 (for 4 inch printing) and the 170*PAX*4 (for print widths up to 6 inches wide) are ideal for print/apply systems including:

- Mission-critical industrial applications
- High-volume product, carton, case, and pallet labeling
- Packaging



Versatile, 4-and 6-Inch-Wide OEM Print Engines

PAX4™ print engines deliver superior performance and reliability.

The 110PAX4 and the 170PAX4 print engines are the performance leaders in mission-critical print-and-apply applications. With increased throughput and enhanced connectivity, including wireless and Ethernet, along with all-metal construction and outstanding print quality, PAX4 print engines deliver outstanding value, reliability, and durability.

Better Than Ever for High-Volume Needs

With improved serviceability, faster first-label-out time, and a fully functional real-time clock, the *PAX*4 print engines deliver what it takes to make print-and-apply solutions super performers. European voltage requirements are now met with the 28V I/O option.

Real-time Connectivity and Control

Reduce downtime and increase productivity. Using advanced ZebraLink Solutions, *PAX*4 print engines offer instant status alert messages and centralized control, allowing you to troubleshoot quickly and keep production lines moving.



110PAX4 170PAX4



110PAX4[†]

PRINTER SPECIFICATIONS

Print width: 4.1"/104 mm

Print length:

Maximum non-continuous media: 39"/990 mm Maximum continuous media: 100"/2540 mm

PHYSICAL CHARACTERISTICS

Width: 9.6"/245 mm Height: 11.8"/300 mm Depth: 16.4"/417 mm Weight: 36.5 lbs./15.6 kg

MEDIA CHARACTERISTICS

Media width (label and liner): .625" /16 mm to 4/5"/114 mm Media thickness (label and liner): 0.0058"/0.148 mm to 0.010"/0.254 mm

MEDIA TYPES

Continuous, die-cut or black mark

RIBBON CHARACTERISTICS

Outside diameter: 4.0"/101.6 mm O.D

Standard length: 2,955'/900 m

Ratio:Ribbon is recommended to be at least as wide as media

Ribbon setup: Ribbon wound coated-side out

Core I.D.: 1.0"/25.4 mm I.D. core

170PAX4

PRINTER SPECIFICATIONS

Print width: 6.6"/168 mm

Print length:

Maximum non-continuous media: 39"/990 mm Maximum continuous media: 150"/3810 mm

PHYSICAL CHARACTERISTICS

Width: 9.6"/245 mm Height: 11.8"/300 mm Depth: 18.3"/465 mm Weight: 35.5 lbs./16.1kg

MEDIA CHARACTERISTICS

Media width (label and liner): 3.0"/76 mm to 7.1"/180 mm Media thickness (label and liner): .003"/.076 mm to .012"/305 mm

MEDIA TYPES

Continuous, die-cut or black mark

RIBBON CHARACTERISTICS

Outside diameter: 4.0"/101.6 mm O.D Standard length: 2,955'/900 m

Ratio: Ribbon is recommended to be at least as

wide as media

Ribbon setup: Ribbon wound coated-side out Core I.D.: 1.0"/25.4 mm I.D. core

an RFID Ready option.

HEADOUARTERS



Specifications at a Glance*

STANDARD FEATURES

Resolution: 203 dpi/8 dots per mm: 300 dpi/12 dots per mm

Memory:10 MB DRAM; 2 MB non-volatile Flash Print methods: Thermal transfer or direct thermal Print Speed: 12"/305 mm per second (203 dpi)

8"/203 mm per second (300 dpi)

Media Sensors: Transmissive and reflective Orientation: Right-hand or left-hand

Industrial all-metal construction

10 MB DRAM

2 MB non-volatile Flash Memory

Applicator interface Multilingual backlit LCD

Enhanced Alert notification—monitors printhead condition

. Multi-level Element Energy Equalizer™ (E3®) for

superior print quality 32-bit 133 MHz RISC processor

Zebra printer driver for Windows® 3.X and

Windows 95/98/NT/2000

Real-time clock

OPERATING CHARACTERISTICS

Environmental (Thermal Transfer)

Operating Temp. 31° F/0° C to 105° F/40° C) Storage Temp. -40° F/-40° C to 160° F/71° C Operating Humidity: 20% to 95% non-condensing

Storage Humidity: 5% to 95% non-condensing R.H.

Electrical

Universal power supply with power-factor correction 90-264 VAC, 48-62 Hz

Agency Approvals

UL-60950 3rd edition, CAN/CSA-C22.2 No 60950-00 3rd edition, FCC part 15 - Class A, ICES-003, EN60950, EN55022-Class A, EN61000-6-2, VCCI,

RELATED PRODUCTS

Options and Accessories

PCMCIA cards

CompactFlash® cards

Linear PCMCIA cards available 8 MB and 32 MB

RFID Ready+ UNICODE

WGLA through Swiss 721

Firmware support for downloadable TrueType™

PC memory card

Additional fonts available

ZEBRALINK SOLUTIONS

Software

ZebraDesigner™ Pro ZebraNet[™] Bridge Enterprise ZebraNet Utilities v 7.0 Zebra Universal Driver

Networking ZebraNet® 10/100 Print Server ZebraNet Wireless Print Server

ZPL® II—Universal language for Zebra printers. Simplifies label formatting and enables format compatibility with other Zebra printers.

Web View—Enables you to connect and control your bar code printer's Web interface using a common Web browser.

Alert—Printers equipped with ZebraNet print servers will notify you via any email-enabled, wired, or wireless device to minimize downtime

COMMUNICATIONS AND INTERFACE **CAPABILITIES**

High-speed bi-directional parallel interface, Centronics® compatible.

High serial interfaces: RS-232C and RS422 with DB9F connector

RS-485 multi-drop capability

Configured baud rate (110 to 57.6 kB), parity, data bits, and stop bits

Applicator interface with DB15F connector

BAR CODE SYMBOLOGIES

Linear bar codes

Codabar, Code 11, Code 39, code 93, Code 128 with subsets A/B/C and UCC Case codes, EAN-8, EAN-13, Industrial 2-of-5, Interleaved 2-of-5, IBST-128, Logmars, MSI, Planet Code, Plessey, POSTNET, Standard 2-of-5, UPC-A, UPC-E, UPC and EAN 2 or 5 digit extensions

2-Dimensional

Codablock, Code 49, Data Matrix, MaxiCode, MicroPDF, PDF417, QR Code and TLC 39

FONTS AND GRAPHICS

Fonts and Character Sets

Bitmap fonts A through H and GS symbols are expandable up to 10 times, height and width independent

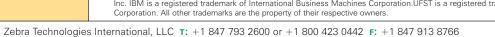
Smooth scalable font Ø (CG Triumvirate™ Bold Condensed) is expandable dot-by-dot, height and width independent Sets: IBM® Code Page 850 International

Characters Contains UFST® from Agfa monotype Corporation

Graphic Features

Supports user-defined fonts and graphics including custom logos

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