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BARCODE TECHNOLOGIES



WPL408Plus | Industrial Barcode Printer

Compact Industrial Printing Built for High-Volume Environments



Key Features

- Compact industrial design with a bifold media door
- Die-cast, all-metal print mechanism
- Prints at speeds up to 12 IPS with 300 DPI resolution
- Supports both thermal transfer and direct thermal printing
- Handles large label rolls up to 8" OD and long print lengths up to 1,000"
- Adjustable multi-point thermal printhead pressure and heat line
- Supports WPL, EPL, ZPL, ZPL II, DPL, and TSPL-EZD
- Ethernet, USB, RS-232 and USB host
- 100% recyclable packaging and a recyclable printer casing

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RESOLUTION	300 DPI (12 dots/mm)
PRINTING METHOD	Thermal Transfer & Direct Thermal
PRINT SPECS	Max. print speed: 12 IPS (304.8 mm per second) Max. print width: 4.21" (107 mm) Max. print length: 1,000" (25,400 mm)
PHYSICAL CHARACTERISTICS	Enclosure: Die-cast based print mechanism/Metal cover with large clear media window Physical dimension: 9.76" (W) x 10.79" (H) x 17.17" (D) / 248 mm (W) x 274 mm (H) x 436 mm (D) Weight: 20.06 lbs (9.1 kg)
MEDIA	Label roll capacity: 8" OD (203.2 mm); 1-3" ID core Ribbon: 1,476 ft (450 m) on 1" ID core; ink coated inside or outside Ribbon width: 1.6" ~ 4.3" (40 mm ~ 110 mm) Media type: Continuous, die-cut, black mark, fan-fold, notched (outside wound) Media width: 0.8" ~ 4.7" (20 mm ~ 120 mm) Media thickness: 2.36 ~ 11 mil (0.06 mm ~ 0.28 mm) Media core diameter: 1" ~ 3" (25.4 mm ~ 76.2 mm) Label length: 0.2" ~ 1,000" (5 mm ~ 25,400 mm)
PROCESSOR & MEMORY	32-bit RISC CPU, 256 MB Flash memory, 256 MB SDRAM
INTERFACE	RS-232, USB 2.0, Internal Ethernet, 10/100 Mbps, USB host, for scanner or PC keyboard
POWER	Internal universal switching power supply Input: AC 100-240V, 2.0A, 50-60Hz Output: DC 24V, 3.75A, 90W
OPERATION	1 power switch, 6 buttons (Menu, Pause/Feed, Up, Down, Left, Right)
SENSORS	Gap transmissive sensor (position adjustable), Black mark reflective sensor (position adjustable), Ribbon encode sensor, Ribbon end sensor, Head open sensor
REAL TIME CLOCK	Standard
INTERNAL FONTS	8 alpha-numeric bitmap fonts, Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
BARCODE	1D barcode: Code 39, Code 93, Code128UCC, Code128 subsets A,B,C, Codabar, Interleave 2 of 5, EAN 8, EAN 13, EAN 128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, RSS-Stacked, GS1 DataBar, Code 11, China Post 2D barcode: PDF-417, Micro PDF 417, Maxicode, DataMatrix, QR code, Aztec, TLC 39, RSS
FONT AND BARCODE ROTATION	0, 90, 180, 270 degree
PRINTER LANGUAGE	WPL (Compatible to EPL, ZPL, ZPL II, DPL, TSPL-EZD)
ENVIRONMENT CONDITION	Operation: 32 ~ 104°F, 25 ~ 85% non-condensing Storage: -40 ~ 140°F, 10 ~ 90% non-condensing
SAFETY REGULATION	Certifications: CB, FCC Class A, CE Class A, UKCA, RCM Class A, cTUVus, TÜV, IC Class A, NOM, VCCI, CCC, BIS, KC, BSMI, EAC, ENERGY STAR®
ENVIRONMENTAL CONCERN	Comply with RoHS, WEEE
INCLUDED IN THE BOX	Quick Start Guide, USB cable, Power cord
LIMITED WARRANTY	Printer: 2 years Print head: 1 million inches (25 km) or 12 months, whichever comes first Platen: 2 million inches (50 km) or 12 months, whichever comes first
PART NUMBERS	Wasp WPL408Plus Industrial Barcode Printer (I00011362), Wasp WPL408Plus Industrial Barcode Printer w/Cutter (I00011363), Wasp WPL408Plus Industrial Barcode Printer w/Peeler (I00011364), Wasp408Plus Industrial Barcode Printer with 300 dpi Printhead (I00011385), Wasp WPL408Plus Industrial Barcode Printer UK (I00011365), Wasp WPL408Plus 300 dpi Printhead (I00011379), WPL408/408Plus 203 dpi Printhead (633809008887), WaspProtect Service Plan WPL408/WPL408Plus - US only (633809007514), WPL408/408Plus Cutter (633809007675), WPL408/408Plus Peeler (633809007668), Wasp WPL408Plus Wi-Fi Module (I00011380)



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