



**wasp**  
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

# WPL408Plus | Industrial Barcode Printer

<b>RESOLUTION</b>	300 DPI (12 dots/mm)
<b>PRINTING METHOD</b>	Thermal Transfer & Direct Thermal
<b>PRINT SPECS</b>	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)
<b>PHYSICAL CHARACTERISTICS</b>	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)
<b>MEDIA</b>	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)
<b>PROCESSOR &amp; MEMORY</b>	32-bit RISC CPU, 256 MB Flash memory, 256 MB SDRAM
<b>INTERFACE</b>	RS-232, USB 2.0, Internal Ethernet, 10/100 Mbps, USB host, for scanner or PC keyboard
<b>POWER</b>	Internal universal switching power supply Input: AC 100-240V, 2.0A, 50-60Hz Output: DC 24V, 3.75A, 90W
<b>OPERATION</b>	1 power switch, 6 buttons (Menu, Pause/Feed, Up, Down, Left, Right)
<b>SENSORS</b>	Gap transmissive sensor (position adjustable), Black mark reflective sensor (position adjustable), Ribbon encode sensor, Ribbon end sensor, Head open sensor
<b>REAL TIME CLOCK</b>	Standard
<b>INTERNAL FONTS</b>	8 alpha-numeric bitmap fonts, Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
<b>BARCODE</b>	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
<b>FONT AND BARCODE ROTATION</b>	0, 90, 180, 270 degree
<b>PRINTER LANGUAGE</b>	WPL (Compatible to EPL, ZPL, ZPL II, DPL, TSPL-EZD)
<b>ENVIRONMENT CONDITION</b>	Operation: 32 ~ 104°F, 25 ~ 85% non-condensing Storage: -40 ~ 140°F, 10 ~ 90% non-condensing
<b>SAFETY REGULATION</b>	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®
<b>ENVIRONMENTAL CONCERN</b>	Comply with RoHS, WEEE
<b>INCLUDED IN THE BOX</b>	Quick Start Guide, USB cable, Power cord
<b>LIMITED WARRANTY</b>	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
<b>PART NUMBERS</b>	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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