

# C168 Series Commercial Label Printers



## Over view

The C168 series compact barcode label printer features innovative technology and superior quality workmanship. Boasting a rigid structure, a highly reliable motor and transmission system, and a large ribbon capacity of 360M, users enjoy minimal downtime and low service cost. With intuitive operations, the C168 is ideal for a wide range of applications.

## Benefits

- Reflective & Transmissive Sensors Flexibly Recognize Various Kinds of Media
- Bearings Reduce Wear and Friction and Ensure Durability
- The Free External Media Stand Easily Increases the Media Capacity Fourfold
- The Highly Reliable Motor and Transmission System Result in Minimal Down Time
- 360 Ribbon Capacity Makes Printing a High Volume of Labels Easy Without Frequent Reloading

## Technical Specification

| Model                    | C168/300s                                                                                                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Print Mode               | Direct Thermal and Thermal Transfer                                                                                                                                                                        |
| Print Resolution         | 300 dpi                                                                                                                                                                                                    |
| Max Print Speed          | 4 ips (101.6 mm/s)                                                                                                                                                                                         |
| Max Print Width          | 4.17"(106 mm)                                                                                                                                                                                              |
| Max Print Length         | 79"(2000 mm)                                                                                                                                                                                               |
| Memory                   | 8 MB FLASH ROM, 16 MB SDRAM                                                                                                                                                                                |
| HEAT™ <sup>①</sup> Level | I                                                                                                                                                                                                          |
| RFID Encoder             | Supports UHF EPC Gen 2, ISO 18000-6C protocols (Only available for RFID models)                                                                                                                            |
| Media                    | Width: 4.37"(111 mm) max., 0.98"(25 mm) min.<br>OD: 4"(102 mm) max. or 9"(229 mm) max. (Using External Media Stand).<br>ID: 1"(25.4 mm) min.                                                               |
| Media Thickness          | 0.003"~ 0.006"(0.08 ~ 0.15 mm), including liner                                                                                                                                                            |
| Ribbon                   | Wax, Wax/Resin, Resin<br>Ribbon roll: OD 3"(76.2 mm) max., ID 1"(25.4 mm) min.<br>Width: 4.33"(110 mm) max.; Length: 984' (300 m) max.                                                                     |
| Fonts                    | Five built-in dot matrix ASCII fonts, user-downloadable TrueType Fonts                                                                                                                                     |
| BarCode Types            | 1D Barcode: Code 39, Code 93, Code 128/ subset A,B,C, Codabar, Interleave 2 of 5, UPC A/E 2 and 5 add-on, EAN-13/8/128, UCC-128, etc.<br>2D Barcode: MaxiCode, PDF417, Data matrix, QR Code, CS Code, etc. |
| Media Sensor             | Reflective (Adjustable) and Transmissive (Two positions)                                                                                                                                                   |
| Interfaces               | RS-232 Serial, USB DEVICE 2.0                                                                                                                                                                              |
| Power Adaptor            | Input: AC 100~240 V, 50~60 Hz; Output: DC 24 V, 2.5 A                                                                                                                                                      |
| Weight                   | 6.17 lbs (2.8 kgs)                                                                                                                                                                                         |
| Dimensions               | W 9.3"(236mm) x D 11.5"(291mm) x H 7.8"(199 mm)                                                                                                                                                            |

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| Model                 | C168/300s                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Operating Environment | Temperature: 32°F ~ +104°F (0°C ~ 40°C)<br>Relative humidity: 5% ~ 85% non condensing                                                |
| Storage Environment   | Temperature: -40°F ~ +140°F (-40°C ~ 60°C)<br>Relative humidity: 5% ~ 85% non condensing                                             |
| Optional Items        | Wi-Fi, Bluetooth, Guillotine Cutter, Rotary Cutter, External Label Rewinder,<br>Media Guide Adapter, 10/100 M Adaptive Ethernet Port |

**Note:**

1. HEAT™, Heating Equilibrium Adaptive Tuning, newly developed by POSTEK, is a cutting edge technology in heating control of thermal print-heads. With HEAT™, the POSTEK printers can significantly improve their performance in the aspects of printout clarity and print speed. The HEAT™ level represents the fineness of the heating uniformity with level I being the finest.