



CP290-HRS

Options

- Near End Sensor

Features

- Compact, with back or front loading
- External pluggable switches and LED for easy integration
- Black mark & paper end detection for label printing
- Setup parameters saved in flash are recovered at next power-up
- Powerful text printing & graphic modes
- Software programmable consumption (dynamic division)

Applications

- Cash Registers
- EFT POS
- Fiscal Printers
- Gaming & Lottery
- Measuring Instruments and Analysers
- Medical Equipment
- Parking
- Ticketing
- Weighing Scales

| Specifications | CP290-HRS-BL | CP290-HRS-FL |
|---------------------------------|---------------------------|---------------------------|
| Print method | Thermal | Thermal |
| Number of dots | 448 | 448 |
| Resolution (dots/mm) | 8 | 8 |
| Max Printing speed (mm/s) | 150 | 150 |
| Print resolution (dpi) | 200 | 200 |
| Sensor | Black Mark, Paper End | Black Mark, Paper End |
| Media Type | Ticket, Label | Ticket, Label |
| Paper width (mm) | 66 0/-0.5 | 60 |
| Printing width (mm) | 54 | 54 |
| Min. paper thickness (µm) | 63 | 63 |
| Max. paper thickness (µm) | 150 | 150 |
| Paper loading | Automatic or Manual | Automatic or Manual |
| Dimensions (WxDxH mm) | 96 x 55 x 20 | 96 x 55 x 20 |
| Weight (g) | 100 | 100 |
| Operating Voltage | 24V | 24V |
| Voltage range (Logic/Head) | From 18V to 27V | From 18V to 27V |
| Paper detection | Opto sensor | Opto sensor |
| Temperature detection | Thermistor | Thermistor |
| Head-up or Cover-open detection | Opto sensor | Opto sensor |
| Connector Type | USB-C, RS232, Serial UART | USB-C, RS232, Serial UART |



CP290-HRS

| Specifications | CP290-HRS-BL | CP290-HRS-FL |
|----------------------------------|--|--|
| Operating temperature | From -20° to 70°C | From -20° to 70°C |
| Storage temperature | From -40° to + 85°C | From -40° to + 85°C |
| Operating humidity | 20% to 85% (no condensing) | 20% to 85% (no condensing) |
| TPH | 200 km / 100M pulses | 200 km / 100M pulses |
| Command System | APS / POS + on-demand | APS / POS + on-demand |
| Driver | Windows, Linux, Android + Utility Program + IPP USB (Driverless) | Windows, Linux, Android + Utility Program + IPP USB (Driverless) |
| SDK / Plug-in | Windows, Linux, Android | Windows, Linux, Android |
| Character Size (easy upgradable) | Font A : 12x24, Font B : 9x17 | Font A : 12x24, Font B : 9x17 |
| Barcode | UPC-A, UPC-E, EAN13, CODE39, ITF, CODABAR | UPC-A, UPC-E, EAN13, CODE39, ITF, CODABAR |
| Graphics | Supporting all user-defined fonts, graphics & logos | Supporting all user-defined fonts, graphics & logos |
| Certifications | ISO 9001:2015, ISO14001, ISO13485:2016 certi- fied - RoHS compliant | ISO 9001:2015, ISO14001, ISO13485:2016 certi- fied - RoHS compliant |