

HRS Series 24 volts range

High speed smart printing mechanisms

Specifications

	CP290-HRS	CP324-HRS	CP424-HRS
Printing method	Thermal	Thermal	Thermal
Number of dots	432	576	864
Resolution (dots/mm)	8	8	8
Printing width (mm)	54	72	108
Paper width (mm)	60 or 66 ± 0.5	80 or 82.5	114
Max. paper thickness (µm)	80	80	80
Paper loading	Automatic	Automatic	Automatic
Printing speed	120	120	120
Paper detection	Opto sensor	Opto sensor	Opto sensor
Temperature detection	Thermistor	Thermistor	Thermistor
Head-up or Cover-open detection	Switch	Switch	Switch
Voltage range (Head)	18-27 V	18-27 V	18-27 V
Weight (g)	70	80	150
Life/reliability	100km/100M pulses	100km/100M pulses	100km/100M pulses
Operating temperature (°C)	-20 to 70 non cond.	-20 to 70 non cond.	-20 to 70 non cond.
Operating humidity (%)	20 to 85 non cond.	20 to 85 non cond.	20 to 85 non cond.
Dimensions (WxDxH mm)	91x55x20	120x55x20	156x63x27
Peak head consumption (A)	1 to 8 programmable	1 to 10.5 programmable	1 to 15 programmable
Character set	3 resident + downloadable	3 resident + downloadable	3 resident + downloadable
Character size	8x16, 7x16, 12x20	8x16, 7x16, 12x20	8x16, 7x16, 12x20
Characters per line (max.)	48, 24, 12/54, 27, 13/32, 16, 8	64, 32, 16/72, 36, 18/44, 22, 11	96, 48, 24/108, 54, 27/66, 33, 16
Interfaces	RS232C, USB	RS232C, USB	RS232C, USB
Graphics	3 modes	3 modes	3 modes
Barcodes	UPC A-E, EAN 13-8,	Code 39, ITF 2/5, Codabar,	Code 128 A-B-C
Drivers	Windows, Linux	Windows, Linux	Windows, Linux
Label/Black mark detection	Y	Y	Y
Functional keyboard	Y	Y	Y



60 mm
66 mm
80 mm
82.5 mm
114 mm

Features

- 2, 3 and 4 inches paper width
- Compact and light
- Printing speed up to 120 mm/s
- Print text graphics and barcode
- Downloadable character set
- Customizable I2C, I/O extension boards, handles near end of paper and keyboard control extension
- Software programmable energy consumption
- Hole/ Mark detection
- No power-up sequence required
- Front/Bottom loading version

Applications

- Automotive
- EFT POS
- Fiscal printers
- ID automation
- Medical equipment
- Vending machines
- Voting

Options

- Guillotine cutter
- Windows Drivers
- Linux Drivers
- Label / black mark detection sensor