

Paper



82.5 mm



RoHS

ESC/POS™

Features

- High-speed printing up to 220 mm/s
- Integrated Guillotine cutter
- Easy removable thermal head (for replacement and cleaning with Head-up detection)
- Full control over printing quality/speed
- Automatic paper loading
- End of paper detection
- Cover-open detection support through external user switch
- Dedicated user Non-volatile (NV) memory
- USB communication interface (2.0) compatible
- ESC/POS™ compatible
- Near end of paper (NEOP) available
- Keyboard available (on/off line status, paper feed)

Applications

- Measuring instruments and analyzers
- Data terminal devices
- POS (point of sale)
- Medical equipments
- Ticketing
- Gaming

Specifications

HSP3100-FC

Printing method	Thermal dot line printing
Number of dots	640
Resolution (dots/mm)	8
Printing width (mm)	80
Paper width (mm)	82.5
Max. paper thickness	100 g/m ²
Paper loading	Automatic
Printing speed	Up to 220
Paper detection	Opto sensor
Temperature detection	Thermistor
Head-up or Cover-open detection	Photo Interrupter
Voltage range (Head)	24 V ± 10%
Weight (g)	450
Printing life/reliability	50km/50M pulses
Cutter life	500K cuts
Operating temperature (C°)	0 to 50 non cond.
Operating humidity (%)	20 to 85 non cond.
Dimensions (WxDxH mm)	112x81x57.5
Peak head consumption (A)	Max peak 12A (5A Average)
Character set	2 resident + downloadable
Character size	12x24, 9x17
Interfaces	RS232C, USB 2.0 basic speed
Graphics	7 modes
Barcodes	UPC A-E, EAN 13, Code 39, ITF 2/5, Codabar, Code 128 A-B-C
Drivers	Windows - Linux