



# HSP 3100-FC Series

High Speed Thermal Printer - Fast Controller



## FEATURES

- High speed printing upto 220mm/s
- Integrated Guillotine cutter
- Easy removable thermal head (for replacement and cleaning with Head-up detection)
- Full control over printing quality/speed
- Page mode printing
- 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
- Two resident character fonts and easy font upgrades
- Easy firmware upgrades

## APPLICATIONS

- Measuring instruments and analyzers.
- POS (point of sale)
- Weighing machines scales
- Medical equipments
- Ticketing

Three inches thermal printer mechanism designed For POS application



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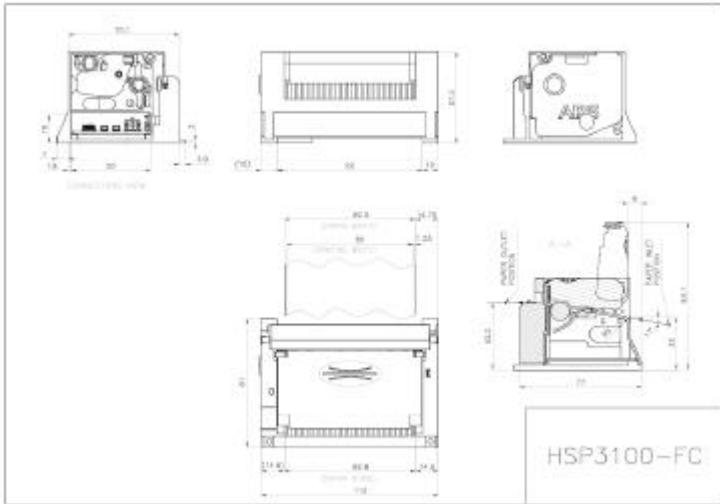
## OTHER APS PRODUCTS



## NEW HSP3100-FC MECHANISM



## PAPER



## OPTIONS

SPECIFICATIONS	HSP3100-FC
Printing method	Thermal dot line printing
Number of dots	640
Resolutions (dots/mm)	8
Printing width (mm)	80
Paper width (mm)	82,5
Max. paper thickness	100g/m <sup>2</sup>
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)	2.4 V ± 10%
Weight (g)	450
Life/reliability	50km/50Mpulses/500Kcuts
Operating temperature (C°)	0 to 50
Operating humidity (%)	20 to 85 noncond.
Dimensions (WxDxH mm)	112x81x57,5
Peak head consumption (A)	Max peak 12A
Character set	2 resident + downloadable
Character size	12x24,9x17
Characters per line (max.)	
Interfaces	USB 2.0 basic speed
Graphics	7 modes
Barcodes	
O.S. Drivers	
Label/Black mark detection	N
Zero power mode (sleep mode)	N
Auto wake-up on received data	N
Function key board	