



HSP3128

Options

- Chipset UC32
- Controller Board
- Linerless

Features

- Heavy duty & compact
- Full easy loading (roll and cutter)
- Fast printing speed up to 300 mm per second
- Powerful cutter : full and partial for paper thickness from 63 to 190 μm / 2 million cuts
- Cuts paper up to 220 μm (10 mils) in less than 120 ms & 80 μm in less than 60 ms
- Black mark & paper end detection for label printing
- Very silent operation and high print quality

Applications

- ATM
- Gaming & Lottery
- Gas Pumps & Car Wash
- Kiosk
- Parking
- Ticketing
- Weighing Scales

Specifications	HSP3128-EL	HSP3128-KSL	HSP3128-KSR
Print method	Thermal	Thermal	Thermal
Number of dots	640	640	640
Resolution (dots/mm)	8	8	8
Max Printing speed (mm/s)	300	300	300
Print resolution (dpi)	200	200	200
Sensor	Paper End	Black Mark, Paper End	Black Mark, Paper End
Cutter Home Position	Mechanical Switch	Mechanical Switch	Mechanical Switch
Cutter Type	Full & Partial	Full & Partial	Full & Partial
Media Type	Ticket	Ticket	Ticket
Paper width (mm)	80 to 82.5	80 to 82.5	80 to 82.5
Printing width (mm)	80	80	80
Min. paper thickness (μm)	63	63	63
Max. paper thickness (μm)	190	190	190
Paper loading	Easy Loading	Easy Loading	Easy Loading
Dimensions (WxDxH mm)	125 x 82.5 x 35.7	125 x 82.5 x 35.7	125 x 82.5 x 35.7
Weight (g)	450	450	450
Operating Voltage	12V	12V	12V
Voltage range (Logic/Head)	5V or 3.3V \pm 5% / 12 typ, 16 v max	5V or 3.3V \pm 5% / 12 typ, 16 v max	5V or 3.3V \pm 5% / 12 typ, 16 v max
Paper detection	Opto sensor	Opto sensor	Opto sensor
Temperature detection	Thermistor	Thermistor	Thermistor



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Specifications	HSP3128-EL	HSP3128-KSL	HSP3128-KSR
Head-up or Cover-open detection	Mechanical switch	Mechanical switch	Mechanical switch
Connector Type	FPC	FPC	FPC
Operating temperature	From -20° to 70°C	From -20° to 70°C	From -20° to 70°C
Storage temperature	From -40° to + 80°C	From -40° to + 80°C	From -40° to + 80°C
Operating humidity	10% to 90% (no condensing)	10% to 90% (no condensing)	10% to 90% (no condensing)
TPH	200 km / 100M pulses	200 km / 100M pulses	200 km / 100M pulses
Cutter	2 million cuts	2 million cuts	2 million cuts
Certifications	ISO 9001:2015, ISO14001, ISO13485:2016 certified - RoHS compliant	ISO 9001:2015, ISO14001, ISO13485:2016 certified - RoHS compliant	ISO 9001:2015, ISO14001, ISO13485:2016 certified - RoHS compliant