

Paper



80 mm
82.5 mm



ESC/POS™

RoHS

Features

- 80 or 82.5 mm paper width
- Prints up to 250 mm/s (10 ips)
- Cuts up to 220 µm (10 mils)
- 150 km printing life
- Full easy loading printer & cutter
- 2 million cuts life
- Full & Partial cuts
- Near straight paper path for thick paper printing
- Non-sparking design for gasoline pumps
- USB 2.0 and high-speed RS232
- ESC/POS™ compatible
- Ability to add external presenter and sensor control

Applications

- Gaming
- Entertainment
- ATM
- Parking
- Gasoline pumps
- POS
- Kiosk

Specifications

	HSP3500-KS	HSP3500-EL
Printing method	Thermal dot line printing	Thermal dot line printing
Number of dots	640	640
Resolution (dots/mm)	8	8
Printing width (mm)	80	80
Paper width (mm)	80 or 82.5	80 or 82.5
Max. paper thickness (µ)	220	220
Paper loading	Easy Loading	Easy Loading
Printing speed (mm/s)	Up to 250	Up to 250
Paper detection	Opto sensor	Opto sensor
Temperature detection	Thermistor	Thermistor
Cover-open detection	Mechanical switch	Mechanical switch
Voltage range (Logic / Head)	5V or 3.3V / 24 V ± 10%	5V or 3.3V / 24 V ± 10%
Dot resistance (Ohm)	650 ±3%	650 ±3%
Energy per dot (mJ)	0.25	0.25
Weight (g)	450	450
Printing life/reliability	150km/150M pulses	150km/150M pulses
Cutter life	2M cuts	2M cuts
Operating temperature (C°)	-20 to +60 non cond.	-20 to +60 non cond.
Operating humidity (%)	20 to 85 non cond.	20 to 85 non cond.
Dimensions (WxDxH mm)	125x82.5x35.7	125x82.5x35.7
Cutter speed (default mode)	1 cut in 550 ms max for 220 µm paper	1 cut in 550 ms max for 220 µm paper
Cutter speed (high speed mode)	1 cut in 240 ms max for 100 µm paper	1 cut in 240 ms max for 100 µm paper
Cutter detection	Mechanical switch	Mechanical switch

Options

Control Board

Windows Drivers

Linux Drivers

Label / black mark detection sensor

