

## Paper



114 mm



Specifications	ELM4032	ELM4071	ELM4241
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Print method	Thermal	Thermal	Thermal
Number of dots	832	832	864
Resolution (dots/mm)	8	8	8
Printing width (mm)	104	104	108
Paper width (mm)	114	114	114
Max. paper thickness (μ)	80	80	80
Paper loading	Easy loading	Easy loading	Easy loading
Printing speed (mm/s)	35	50	50
Paper detection	Opto sensor	Opto sensor	Opto sensor
Temperature detection	Thermistor	Thermistor	Thermistor
Head-up or Cover-open detection	Combined with opto sensor	Combined with opto sensor	Combined with opto sensor
Voltage range (Logic/Head)	2.7-5.25 / 3-7.2	2.7-5.25 / 4.5÷8.5	5 ± 5 % / 18-26.5
Dot resistance (Ohm)	123 ± 4%	176 ± 4%	1500 ± 4%
Energy per dot (mJ)	0.15	0.13	0.25
Stepper motor (Ohm)	Bipolar (12)	Bipolar (12)	Bipolar (132)
Weight (g)	140	140	140
Life/reliability	50km/100M pulses	50km/100M pulses	50km/100M pulses
Operating temperature (C°)	-10 to 60 non cond.	-10 to 60 non cond.	-10 to 60 non cond.
Operating humidity (%)	20 to 85 non cond.	20 to 85 non cond.	20 to 85 non cond.
Dimensions (WxDxH mm)	137x48x42	137x48x42	137x48x42

## Features

- 4 inches paper width
- 5 and 24 Volts
- Up to 50 mm/s printing speed
- Easy loading paper
- Label / thick paper path design
- Double opto available

## Applications

- Portable printers and terminals
- Label printers
- Cash registers
- Fiscal printers
- Measuring instruments and analyzers
- POS (point of sale)
- ATM machines
- Data terminal devices
- Kiosk, parking meters
- Medical equipments
- Weighing machines, scales
- Ticketing

## Options

## Chip set

