



SPECIFICATIONS	XS236-V080	XS236-H080
Print method	Thermal	Thermal
Number of dots	384	384
Resolution (dots/mm)	8	8
Printing width (mm)	48	48
Paper width (mm)	58	58
Max. paper thickness (µm)	60	60
Paper loading	Easy loading	Easy loading
Printing speed (mm/s)	100	100
Paper detection	New patented feature	New patented feature
Temperature detection	Thermistor	Thermistor
Head-up or Cover-open detection	New patented feature	New patented feature
Paper Jam Detection	New Patented Feature	New Patented Feature
Voltage range (Logic/Head)	2.7-5.25/ 2.7-5.3	2.7-5.25/ 2.7-5.3
Dot resistance (Ohm)	80 ± 3%	80 ± 3%
Energy per dot (mJ)	0.12	0.12
Stepper motor (Ohm)	Bipolar (3,8)	Bipolar (3,8)
Weight (g)	30	30
Life/reliability	50 km/100M pulses	50 km/100M pulses
Operating temperature (°C)	-30 to +70 °C	-30 to +70 °C
Operating humidity (%)	10 to 90 non cond.	10 to 90 non cond.
Dimensions (WxDxH mm)	67x26.4x14.1	70.5x26.4x14.1

Features:

- + **Easy to fix** from Top or Bottom, **easy to integrate** (flat back surface and vertical motor);
- + Fully optimized for **Ultra Low Voltage Drive**, one single cell Li-ion (3.7v) can be used to drive the printer, (same voltage for Power, Logic and Motor) - cost saving from customer side;
- + **Worm gear train** for smooth and silent printing;
- + **APS patented heat recovery system**;
- + **The APS patented combined end of paper, door open and paper jam sensor** provide better and **simple control**;
- + Printer chassis frame connected internally to GND;
- + Fine pitch (0.5 mm), small surface and **lateral FPC** for compact integration;
- + Gear box **Dust protection** by design.

Options: **UC32, Chipset**

Applications: Automotive, **Taxi meters**, Calculators, **Fiscal printers**, Data terminal devices, **Digital tachometers**, EFT POS, **Hand held terminals**, Measuring instruments and analyzers, **Portable printers and terminal**.