



PRINTERS WITH CONTROLLER BOARD  | 

ECP3212-D-M0

Options

- 300 dpi

Features

- Compact design & easy integration into confined spaces
- Powerful cutter : full and partial for paper thickness from 63 to 150 µm / 2 million cuts
- Anti-jamming detection with automatic blade retraction
- Rigid die cast frame for better thermal conductivity – No Overheating
- Very silent operation and high print quality due to its innovative linear gear train
- Powerful 20 mm double motors

Applications

- Cash Registers
- EFT POS
- Fiscal Printers
- Gaming & Lottery
- Measuring Instruments and Analysers
- Medical Equipment
- Parking
- Ticketing
- Weighing Scales

Specifications	ECP3212-D-M0-EL	ECP3212-D-M0-KSR	ECP3212-D-M0-KSL
Print method	Thermal	Thermal	Thermal
Number of dots	640	640	640
Resolution (dots/mm)	8	8	8
Max Printing speed (mm/s)	200	200	200
Print resolution (dpi)	200	200	200
Sensor	Paper End, Cover Open, Near End	Paper End, Cover Open, Near End, Black Mark	Paper End, Cover Open, Near End, Black Mark
Cutter Home Position	Mechanical Switch	Mechanical Switch	Mechanical Switch
Cutter Type	Full & Partial	Full & Partial	Full & Partial
Media Type	Ticket, Label	Ticket, Label	Ticket, Label
Paper width (mm)	80 to 82.5 +0/-1	80 to 82.5 +0/-1	80 to 82.5 +0/-1
Printing width (mm)	80	80	80
Min. paper thickness (µm)	63	63	63
Max. paper thickness (µm)	150	150	150
Paper loading	Easy Loading	Automatic	Automatic
Dimensions (WxDxH mm)	113.4 x 60.3 x 40.5	113.4 x 60.3 x 40.5	113.4 x 60.3 x 40.5
Weight (g)	200	200	200
Operating Voltage	12V	12V	12V
Voltage range (Logic/Head)	From 10V to 16V	From 10V to 16V	From 10V to 16V
Paper detection	Opto sensor	Opto sensor	Opto sensor



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Specifications	ECP3212-D-M0-EL	ECP3212-D-M0-KSR	ECP3212-D-M0-KSL
Temperature detection	Thermistor	Thermistor	Thermistor
Head-up or Cover-open detection	Opto sensor	Opto sensor	Opto sensor
Connector Type	USB-C, RS232, Serial UART	USB-C, RS232, Serial UART	USB-C, RS232, Serial UART
Operating temperature	From -25° to 70°C	From -25° to 70°C	From -25° 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	100 km / 100M pulses	100 km / 100M pulses	100 km / 100M pulses
Cutter	2 million cuts	2 million cuts	2 million cuts
Command System	APS / POS + on-demand	APS / POS + on-demand	APS / POS + on-demand
Driver	Windows, Linux, Android + Utility Program + IPP USB (Driverless)	Windows, Linux, Android + Utility Program + IPP USB (Driverless)	Windows, Linux, Android + Utility Program + IPP USB (Driverless)
SDK / Plug-in	Windows, Linux, Android	Windows, Linux, Android	Windows, Linux, Android
Character Size (easy upgradable)	Font A : 12x24, Font B : 9x17	Font A : 12x24, Font B : 9x17	Font A : 12x24, Font B : 9x17
Barcode	UPC-A, UPC-E, EAN13, CODE39, ITF, CODABAR	UPC-A, UPC-E, EAN13, CODE39, ITF, CODABAR	UPC-A, UPC-E, EAN13, CODE39, ITF, CODABAR
Graphics	Supporting all user-defined fonts, graphics & logos	Supporting all user-defined fonts, graphics & logos	Supporting all user-defined fonts, graphics & logos
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