

# MKL224



## Options

- Paper Holder
- Loop Presenter / Retractor
- Paper Tensioner
- Exit Bezel
- Anti-jam Detection

## Features

- Heavy duty, compact and full modular
- 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
- Pulls large diameter paper roll up to 250 mm
- Presenter/retractor, paper tensioner, anti-jam detection, exit bezel optional modules
- Very silent operation and high print quality

## Applications

- Gaming & Lottery
- Gas Pumps & Car Wash
- ID Automation
- Kiosk
- Parking
- Ticketing
- Voting
- Weighing Scales

Specifications	MKL224
Print method	Thermal
Number of dots	448
Resolution (dots/mm)	8
Max Printing speed (mm/s)	300
Print resolution (dpi)	200
Sensor	Paper End, Cover Open, Near End, Black Mark
Cutter Home Position	Mechanical Switch
Cutter Type	Full & Partial
Media Type	Ticket, Label
Paper width (mm)	60 to 62.5 +0/-1
Printing width (mm)	56
Min. paper thickness (µm)	63
Max. paper thickness (µm)	220
Paper loading	Easy Loading
Media Roll Diameter (mm)	250
Dimensions (WxDxH mm)	93.8 x 80.3 x 50.9 (basic module)
Weight (g)	450
Operating Voltage	24V
Voltage range (Logic/Head)	5V or 3.3V / 24 V ± 10%
Paper detection	Opto sensor

# MKL224



Specifications	MKL224
Temperature detection	Thermistor
Head-up or Cover-open detection	Mechanical switch
Connector Type	USB-C, RS232, Serial UART
Operating temperature	From -25° to 70°C
Storage temperature	From -40° to + 80°C
Operating humidity	10% to 90% (no condensing)
TPH	200 km / 100M pulses
Cutter	2 million cuts
Command System	APS / POS + on-demand
Driver	Windows, Linux, Android + Utility Program + IPP USB (Driverless)
SDK / Plug-in	Windows, Linux, Android
Character Size (easy upgradable)	Font A : 12x24, Font B : 9x17
Barcode	UPC-A, UPC-E, EAN13, CODE39, ITF, CODABAR
Graphics	Supporting all user-defined fonts, graphics & logos
Certifications	ISO 9001:2015, ISO14001, ISO13485:2016 certified - RoHS compliant