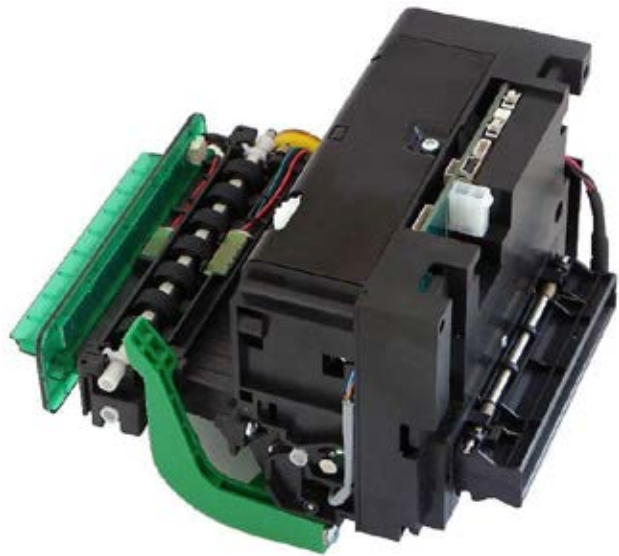


# Modular Kiosk Line MKL 3"

80 mm  
to 82.5 mm



## Applications

- ATM machines
- Gaming and lottery
- Gas pumps
- ID automation
- Instrumentation
- Information Kiosks
- Parking
- Car wash systems
- Vending Machines
- Transportation

## Features

- 3 inches paper width
- High printing speed
- Compact modular printer kiosk solution 12v & 24v
- Guillotine cutter (full & partial cuts)
- Easy to integrate in your design
- Can pull large diameter paper roll (up to 10 inches)
- Presenter/retractor, paper tensioner, anti jam detection and exit bezel optional modules
- Powerful controller board
- Integrated switches and LED (on-o line status, paper feed)
- 3 Communication ports
- Programmable energy consumption
- Full control over printing quality/speed
- Three resident fonts + external font chip
- Downloadable character set
- Powerful text / Graphic Modes and 2D barcodes
- Hole/Mark Detection/Correct Paper
- Path Exit/ NEOP Detection sensor
- Easy firmware and font upgrades
- Hardware QR barcode support

## Specifications

### MKL312 | MKL324

Power supply	12	24
Printing method	Thermal	
Number of dots	640	
Resolution (dots/mm)	8	
Paperwidth (mm)	80 to 82.5**	
Printing width (mm)	80	
Paperloading	Automatic	
Max. paper thickness	Up to 220*	
Printing speed (mm/s)	250**	300**
Paper roll diam. max. (mm)	250 mm	
Recommended paper	JUJO AF50KS-E3, Koehler KT100P, Kanzan KPW460 or equivalent	
Printing life	200 km/100M pulses***	
Cutter life	2M cuts	
Operating temperature (°C)	-25 to +70 °C	
Operating humidity (%)	10 to 90 (no condensation)	
Character set	3 resident + downloadable + Asian font	
Character size	8x16 / 7x16 / 12x20	
Interfaces	RS232 and USB, Ethernet optional	
Graphics	3 modes	
Barcodes	UPC A-E, EAN 13-8, Code 39, ITF 2/5, Codabar, Code 128, PDF417, QR code	
Sensors	Near End Of Paper / End Of Paper / Head Up / Paper exit detection	
Drivers	Windows, Linux	
Label/Black mark detection	Y	
Functional keyboard	Y	
Presenter/retractor option	Y	
Paper tensioner	Y	
Anti Jam exit bezel option	Y	
Exit bezel with light option (double color red / green)	Y	



\*for basic module, 100 µ when used with presenter or jam detection sensor

\*\*for basic module

\*\*\*under certain driving conditions and using the recommended paper