



US Micro Products
Electronic Products for the OEM

PRINTER PRODUCT SPECIFICATION

PART NUMBER:	USMP-8100P
DESCRIPTION:	Direct Thermal Kiosk Printer, A4~US Letter Size, 200, 300dpi Resolution, 100mm/sec Speed, 8inch Paper Roll Holder with Automatic Paper Cutter, USB 2.0 + Serial Interface

ISSUE DATE	APPROVED BY (Customer Use Only)	CHECKED BY	PREPARED BY
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USMP-8100P **Direct Thermal Kiosk Printer**

- A4~US Letter Size
- 200, 300dpi Resolution
- 100mm/sec Speed
- 8inch Paper Roll Holder
- Auto-Cutter
- Loop Presenter w/ Retraction
- USB 2.0 + Serial Interface
- Windows Driver
- Status Monitoring
- Bi-Directional Communication
- 13 Sensors
- Self-Test Function
- Full Paper Path Access
- 32bit RISC CHIP
- 4MB Memory
- 2MB Buffer
- Adjustable Near-End Sensor
- Compact Size
- Light Weight
- Easy Operation
- Low-Cost

Specification

USMP-8100P

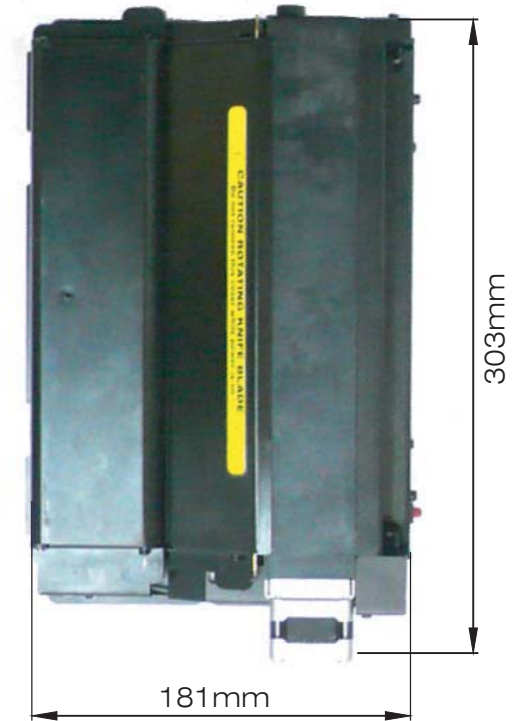
Features

A4, US Letter Size
Fast Printing Speed
High Resolution
Auto-Cutter
Loop Presenter
Retraction
Big Paper Roll
USB 2.0 Interface
13 Sensors
Status Monitoring
Full Paper Path Access

Benefits

Wider Format, More information
Less Printing Wait Time (100mm/sec)
Clear Image Printing (300dpi)
No Paper Tearing, Reduce Error
Compact Size, Prevents Vandalism
Reduce Litter
Less Maintenance
Faster Printing Speed
More Accurate Printer Control
Real-Time Printer Status Check
Very Easy to reach paper path

Dimension



Anti Paper Roll Up Sensor

One of the worst thing could happen on Kiosk printer is paper jam, specially when paper rolls up on platen roller.
The USMP-8100 is equipped with unique sensor that stops the printer when paper try to roll up on the platen roller.



13 sensors

Sensors that reports every move to the host

- 1 Adjustable Near-End Sensor
- 1 Black Mark Sensor
- 1 Anti Paper Roll Up Sensor
- 1 Paper End Sensor
- 2 Paper Jam Sensor
- 2 Presenter Sensor
- 2 Cover Open Sensor
- 1 TPH Up/Down Sensor
- 1 TPH Thermistor
- 1 Cutter Sensor



A4 Printer Mechanism

USMP-8100P is Equipped with High-Performance A4 printer Mechanism. (USMP-8100B)



No Presenter
USMP-8100C

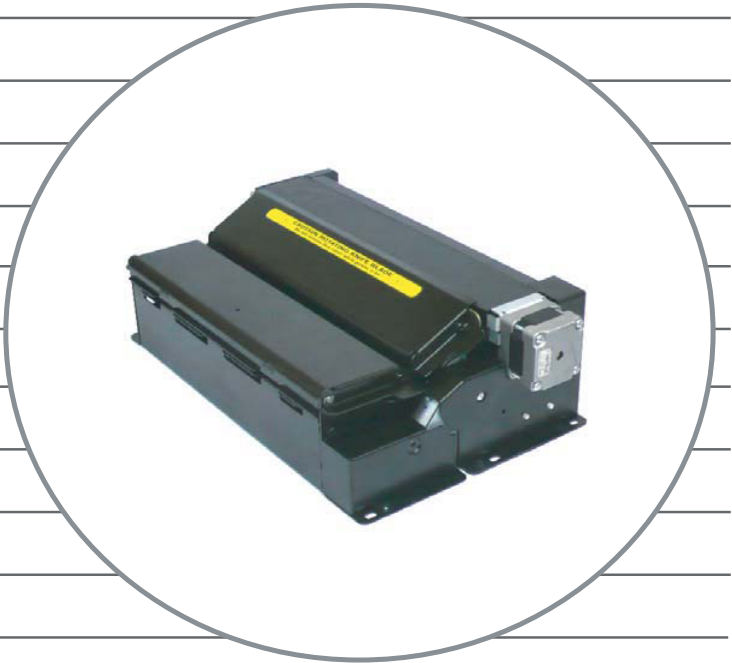


Compact Size

Specification

USMP-8100P

Printing Method	Direct Thermal Printing
Resolution	200 dpi (8dots/mm), 300dpi (12dots/mm)
Printing Speed	50mm/sec, 100mm/sec, (125mm/sec@70% Density)
Printing Width	210mm
Interfaces	USB and Serial (RS232C)
Power Required	24VDC/8A @ 200dpi, 24VDC/10A @ 300dpi
Paper Type	Thermal Paper
Paper Width	210mm (A4) , 216mm (US Letter)
Paper Roll O.D	O.D 200mm (8inch Paper Roll)
Drivers	Windows 2000 / XP Drivers with Status Monitoring
Operating Temp	5°C ~ 40°C
Storage Temp	-10°C ~ 60°C
Operating Humidity	20% ~ 80%
Storage Humidity	10% ~ 90%
Dimension (WxDxH)	303 x 181 x 90 mm
Weight	Approx 3.1Kg



Windows XP







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New A4 Thermal Printers



Model Classification Chart

	Printer Mechanism	A4 Printer	A4 Printer w/ Presenter	Optional Roll Holder
				
200dpi & 50mm/sec	USMP-850B	USMP-850C	USMP-850P	USMPH-8200
200dpi & 100mm/sec	USMP-8100B	USMP-8100C	USMP-8100P	
300dpi & 100mm/sec	USMP-8100B3	USMP-8100C3	USMP-8100P3	
	A4 Printer Mechanism Only	A4 Printer Automatic Cutter Controller Board	A4 Printer Automatic Cutter Controller Board Presenter Retraction	



Windows XP



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