



SNR-EP8303 80mm Panel Mount Thermal Printer

Reliable receipt printing for self-service kiosk integration.

Overview

The SNR-EP8303 is a compact 80 mm panel mount thermal printer designed for self-service terminals and embedded kiosk applications. It delivers reliable receipt printing, supports large paper roll capacity, and offers flexible integration with USB and serial interfaces. With easy paper loading, automatic cutting, and support for both 80 mm and 58 mm paper, it is well suited for long-term unattended operation in retail, ticketing, check-in, queue management, and other self-service systems.



Key Features

- Brand-name printer mechanism with automatic cutter
- High-speed printing up to 220 mm/s
- Supports 80 mm and 58 mm thermal paper
- Large paper roll capacity up to Dia. 80 mm
- Easy-loading paper design for simplified maintenance
- Patented paper roll bucket opening method: key plug-in or wrench opening
- Customizable enclosure color available
- Interfaces: Serial, USB, and cash drawer port
- Compatible with Windows 7 / 10 and Linux
- SDK and driver support available
- Optional black mark sensor support

Technical Specifications

Item	Specification	Item	Specification
Model	SNR-EP8303	Printing Method	Line thermal printing
Paper Width	80 mm / 58 mm	Printing Speed	220 mm/s max
Dot Density	8 dots/mm	Print Dots	576 dots/line
Effective Print Width	72 mm	Paper Loading	Easy-loading paper
Print Head Life	100 km	Cutting Method	Half cut / Full cut
Paper Thickness	60-120 um	Cutter Life	1,000,000 cuts
Head Temp. Detection	Thermistor	Operating Voltage	DC 12-24 V +/-10%
Mean Current	30 mA; 80 mA at 25% print density	Peak Current	DC 12-24 V / 10 A
Operating Temp.	-10 C to 50 C, no condensation	Operating Humidity	20%-85% RH
Storage Temp.	-20 C to 60 C, no condensation	Storage Humidity	10%-90% RH
Weight	Approx. 0.45 kg excluding paper roll	Interfaces	Serial, USB, cash drawer port
Sensors	Head open, paper end, paper near end, black mark optional	Max Roll Diameter	Dia. 80 mm
Dimensions (W x D x H)	115 x 85 x 132 mm		

Typical Applications

Queue management system	Self-ordering kiosk	Visitor attendance terminal	Ticket vending machine
Information kiosk	Check-in kiosk	Retail kiosk	Self-checkout kiosk

Integration Notes

Area	Integration Consideration
Paper handling	80 mm / 58 mm paper width support with easy loading for faster service access.
Cutter configuration	Automatic cutter supports both half cut and full cut receipt output.
System interfaces	Serial, USB, and cash drawer port options for embedded kiosk controller integration.
Sensor monitoring	Head open, paper end, paper near end, and optional black mark detection for unattended operation.

Note: Specifications are based on the supplied product information and may be adjusted for OEM / ODM requirements. Please confirm final interface, sensor, and enclosure configuration before project deployment.