



SNR-EP8305 80mm Kiosk Thermal Panel Printer

All-in-one embedded thermal printer with 80mm / 58mm paper support, 250mm/s printing, sliding cutter and multiple interfaces.

Overview

SNR-EP8305 is an all-in-one embedded kiosk thermal printer module designed for compact self-service terminals. Its integrated control board and mechanism save cabinet space and simplify design. It supports 80mm and 58mm paper, 250mm/s printing, easy loading, sliding automatic cutting, optional black mark sensing and Serial / USB / Ethernet interfaces.



Key Features

- All-in-one 80mm / 58mm embedded kiosk thermal printer module
- Integrated control board and mechanism to save cabinet space
- High-speed thermal printing up to 250mm/s
- Easy paper loading with sliding automatic cutter
- Partial cut and full cut support
- Multiple cover opening methods: wrench, button or command
- Optional multi-position black mark sensor
- Serial, USB and Ethernet interface options

Technical Specifications

Item	Specification	Item	Specification
Model	SNR-EP8305	Print Method	Line thermal printing
Paper Width	80mm / 58mm	Print Speed	250mm/s max.
Dot Density	8 dots/mm	Print Dots	576 dots/line
Print Width	72mm max.	Paper Feed Method	Easy-to-fill paper
Print Length	100km	Paper Cut	Slide
Cutting Mode	Partial cut / full cut	Cutting Thickness	60-120um
Cutter Life	1,000,000 cuts	Paper End Detection	Reflective photoelectric sensor
Print Head Temperature	Thermistor	Operating Voltage	DC24V +/-10%
Average Current	24V / 2A at 25% effective print dots	Peak Current	6.5A
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. 0.90kg without paper roll	Interface	Serial / USB / Ethernet
Mechanical Life	100km	Max Paper Roll Diameter	80mm
Dimension	127 x 127 x 100mm	Barcode Support	EAN8, EAN13, CODE39, CODE128, QR code
Driver Support	Windows XP / Win7 / Win8 / Linux / Android	Character Support	GB-18030, BIG5, Korean, Japanese, Vietnamese, Euro, Slavic2

Typical Applications

Queue management kiosks	Self-ordering kiosks	Retail self-checkout
Ticket vending machines	Information kiosks	Check-in kiosks
Banking terminals	Parking payment systems	Self-service terminals

Integration Notes

- All-in-one design suits compact kiosk cabinet and mold development.
- Positioning holes support mounting from side, front and rear directions.
- Confirm paper roll holder, panel opening, paper path and service access before cabinet design.
- Select Serial, USB or Ethernet according to the kiosk controller and software platform.

Remarks: Final shell color, interface configuration, black mark sensor position, cable definition and mounting method should be confirmed according to the kiosk project requirement.

Why Choose This Model

- Supports both 80mm and 58mm paper for flexible project requirements.
- 250mm/s speed improves transaction flow in high-traffic terminals.
- Sliding cutter, easy paper loading and multiple opening methods improve maintenance efficiency.
- Optional black mark sensing supports ticket positioning and label-related applications.