S84 - S86 Series Industrial Print Engine

The S84NX and S86NX series have robust metal construction, and are perfect for harsh industrial environments and testing applications. They are designed with the goal of boosting productivity and minimising costs with print speeds of up to 16ips with high throughput and minimal downtime with tool-free print head replacement.

Key Features

Direct thermal or thermal transfer printing
Intuitive operation & on-screen video guidance
Available in 203dpi, 300dpi, and 600dpi
Available in left or right hand configurations
4 and 6-inch model configurations
Tool-free maintenance
Speed of up to 16ips
Optional RFID encoder

A premium range of industrial print engines designed and manufactured to be simple to operate and durable in use. The sturdy construction and tool-free maintenance allow easy access to ribbon and material reels. The full-colour LCD screen is easy to use and provides valuable on-board instructional videos. There is simple to adjust settings in both software and hardware to easily achieve optimal performance for any media

The print engine can print at high speed with a high resolution 600dpi. UHF and RFID upgrade kits are available to provide customers a cost-effective solution to integrate RFID technology into their operation. Conveniently they can be ordered as left or right hand configured.

TECHNICAL SPECIFICATIONS

Dimensions (H x W x D):
S84NX: 300 x 245 x 408mm
S86NX: 300 x 245 x 417mm

Weight:
12.7kg (DT) - 14.1kg (TT)
14kg (DT) - 15.5kg (TT)

Construction: Metal casing

USER ENVIRONMENT:
Operating Temperature: -5°C to 40°C (23°F to 104°F)
Relative Humidity: 15% to 85% non-condensing
Storage Temperature: -20°C to 60°C (-4°F to 140°F) Storage Humidity: 15% to 90% non-condensing

PRINT TECHNOLOGY:
Printer Type: Thermal Transfer (TT) and/or Direct Thermal (DT)
Printhead: 8 dots per mm (203 dpi) 12 dots per mm (300 dpi), 24 dots per mm (609 dpi)
Max. Print Width: 104 mm (4.1 in) 8S4 | 167.5mm (6.6in) S86
Max. Print Speed: 16ips @ 203dpi, 14ips @ 305dpi, 6ips @ 609dpi
Memory: CPU1: 2GB ROM, 256MB RAM, CPU2: 4MB ROM, 64MB RAM

COMMUNICATION:
Communication Ports: USB 2.0 (Type A & B), RS232C, IEEE1284, EXT, NFC, Ethernet (IPv4/v6)
supporting:TCP/IP, LPR, FTP, SNMPv3, NTP, HTTP, DHCPv4, Stateless Auto Configuration, Stateful Auto Configuration (DHCPv6)

MEDIA:
Media Types: Fanfold or roll die-cut labels, plain paper face stock, synthetic paper, or continuous paper.
Materials: Vellum labels & paper, matt coated, glossy coated
Core Diameter: 76.2 mm (3in) – 101mm (4in)
Maximum Roll Diameter: 265 mm (10.43 in)
Media Width Range: 18-136mm 0.7-5.3in) S84 | 59-185mm (2.3-7.2in) S86
Media Thickness Range: 0.05–0.31 mm (0.002–0.012in)
Media Sensing: I-mark Sensor (Reflective), Label Gap Sensor (Transmissive), Paper-end, Ribbon near end/end.

OPTIONS:
WLAN Kit, RFID: UHF RFID S84-ex Dual antenna and S86-ex single antenna configuration; Standard: ISO 18000-6 Type C, Frequency: 868 – 960Mhz, Protocols: EPC Gen 2 Class 1

Reflex Systems offer a full range of consumables products for your printer: labels, ribbons, print heads and spare parts. Reflex can configure and supply rewinders and applicators to create an automated workflow.

SERVICE COVER:
Reflex operate with our own team of field service engineers (all OEM trained) offering 8 hour on-site response (office hours), parts and labour or labour only contracts, to ensure you have cover for your critical activities.

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