IBM

IBM SureMark Printers:
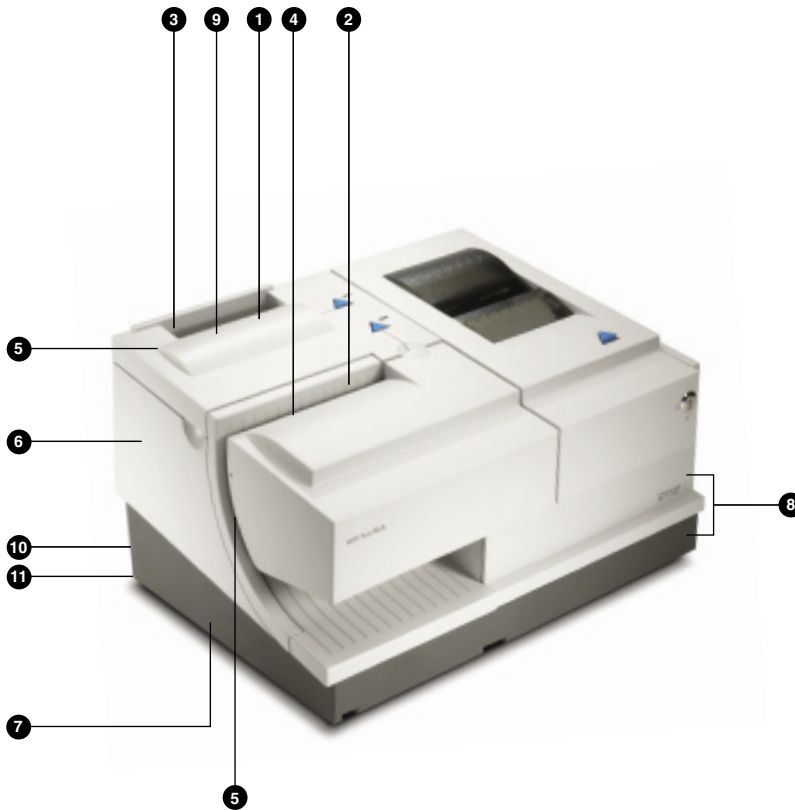# Three-station models

Outstanding print quality

IBM SureMark Printers use the latest innovations in thermal printing to help ensure crisp, clean output on receipts and journal rolls. For receipts, TrueType fonts enable "newspaper style" printing with proportional, scalable characters that attract customers' attention and improve the readability of targeted marketing messages. You can also use thermal paper to highlight special offers, savings totals, loyalty points and other details in a high-impact accent color (red or blue).

Versatile check handling

Both models (TN3 and TN4) offer check endorsing and printing to accelerate check processing at the POS and reduce customer wait-time. In addition, model TN4 offers conventional MICR reading, plus single-pass check handling with check endorsing, check flipping and MICR reading for more advanced check management.

Highlights

- *Fast thermal printing accelerates transactions and makes it easy to print logos, coupons and marketing messages on customer receipts*

- *Brings the speed and quality of thermal printing to proven paper journaling processes*

- *Impact print station enables fast printing on multipart forms and checks*

Faster printing paper journaling

Three-station models of the family of IBM SureMark™ Printers are designed for retailers that want to help reduce transaction times, customize receipts with marketing messages, and maximize uptime at the point of sale (POS) – without sacrificing traditional paper journaling. These fast, quiet printers feature three stations: a thermal station that prints up to 52 lines per second (lps), an impact station for printing multipart forms and checks, and a thermal journal station.

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business ®

Advanced technology for high-performance POS printing

Thermal receipt print station

1 Provides fast, quiet output

2 Receipt out-of-paper sensor

3 Cutter

Impact station

4 Enables printing on forms and checks

5 Top and bottom document sensors

Thermal journal station

6 Creates paper journal record quickly and accurately

Integration and design

7 2MB or 8MB upgrade (optional) provides additional memory for electronic journaling or extended logo storage

8 Top and bottom covers can be color-matched to IBM hardware

9 Emulation of IBM Model 3, IBM Model 4 and Epson Printers makes it easier for retailers to upgrade print speed and image quality[1]

10 Powered USB and RS-485 attachments

11 Standard USB and RS-232 attachments (external power brick required)

Models overview

	Character set	Special features	Cover	Warranty service[1]
TN3	SBCS	• Two-color printing • Journal print station	Pearl White Litho Gray Base	IBM onsite repair
TN4	SBCS	• Two-color printing • Journal print station • Single-pass check handling	Pearl White Litho Gray Base	IBM onsite repair

[1] Not all printer functions are emulated. Please visit the IBM support Web site (**ibm.com**/industries/retail/store/support) for a full listing of printer emulation functions.

[2] All limited warranty terms are for one year. For a copy of the terms and conditions of IBM's statement of limited warranty, please contact your IBM representative or reseller.

Fast, flawless operation

IBM SureMark Printers store logos and barcodes in flash memory, so they can be generated automatically. This minimizes total transaction time, allowing retailers to print logos, barcodes, graphics or text messages on receipts without affecting customer wait-time. In other words, your POS printer becomes a powerful marketing tool. Add your logo to receipts and build your store's brand. Use barcodes to expedite returns. Or print coupons and special offers to reward loyal customers.

Easy to use, easy to service

Paper handling is fast and easy, so operators can change paper rolls quickly without making customers wait. What's more, IBM SureMark Printers feature a simple, snap-together design that makes each one extremely convenient to maintain.

Emulations ease migration

All three-station models in the family of SureMark Printers offer emulation of the IBM Model 3, IBM Model 4 and Epson TM-T88II printers.[1] This allows retailers to replace existing printers with SureMark Printers to upgrade print speed, print quality and overall ease of use – without the time and cost of reconfiguring existing POS software.

IBM SureMark Printers at a glance

TN3 / TN4

Hardware

Printing speed [3]	
Receipt station (one-color paper)	Up to 52 lps @ 8 lpi, 39 lps @ 6 lpi
Receipt station (two-color paper)	Up to 35 lps @ 8 lpi, 26 lps @ 6 lpi
Impact station	Up to 4.3 lps
Journal station	Up to 35 lps @ 8 lpi
Printing resolution (thermal)	203 dpi
Memory usage	
Data buffer RAM	16KB
Flash memory for microcode	512KB
Flash memory for offline journal	104KB
Flash memory for logos	64KB to 168KB
Flash memory for fixed messages	8KB
Flash memory for code pages	80KB
2MB or 8MB flash memory	Optional
Interfaces	Powered USB, Standard USB (external power brick required), RS-485, Standard RS-232 (external power brick required)
Mounting options	Integrated with POS / Distributed
Ports	Cash drawer (+24V)
Dimensions (WxDxH)	322 x 258.7 x 140mm[4] (12.7 x 10.2 x 5.5")
Weight	6.89 kg (15.15 lbs)

Software[5]

Operating system support[6]	IBM 4690 Operating System DOS
Drivers supported[6]	DOS

Industry Standards

Resident barcode formats	UPC A/E, JAN 8 (EAN), JAN 13 (EAN), Code 39, ITF, Code 93, Code 128 a, b and c, Codabar, PDF417

Supply Options

	IBM now offers branded paper supplies. For more information please contact your IBM sales representative

Availability

Worldwide (via RPQ only in North America)

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[3] Indicates maximum rated speed. Actual print speed depends on user-specific configuration of interface, application, operating system and drivers.

[4] Rear height is 190mm (7.5").

[5] Some printer functions may not be supported by all combinations of operating systems and drivers.

[6] Please visit the IBM support Web site (**ibm.com**/industries/retail/store/support) to see the latest compatibility data for operating systems, interfaces and IBM hardware.

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For more information

To learn more about IBM SureMark
Printers and other retail store solutions
from IBM, please contact your local
representative or find us on the Web at:
ibm.com/industries/retail/store

To place an order, call 1 800 IBM-CALL
(1 800 426-2255) or 1 770 863-1000
outside the U.S. and Canada.

For Position Only

Front cover shows IBM SureMark Printer,
Model TN4

Page 2 shows IBM SureMark Printer,
Model TN4

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