

*Fast, high-quality thermal receipt printing for food service, speciality and many other retailers*



## IBM SureMark Printers: Single-station models



### Highlights

- **Fast thermal printing accelerates transactions and makes it easy to print logos, coupons and marketing messages on customer receipts**
- **New spill-resistant cover and wall-mount options help ensure reliable and convenient operation in harsh environments**
- **Single-station models for SBCS and DBCS applications allow retailers to use one global printer platform.**

### Quiet, high-speed printing

Single-station models of the family of IBM SureMark Printers are specifically engineered to deliver exceptional reliability and fast, quiet, high-quality thermal printing – even in harsh retail environments. In speciality stores, these single-station printers can withstand exposure to dust, dirt, electrostatic shock and helps protect against vibration. An optional spill-resistant cover protects against liquid hazards in food service. Most important, these models deliver up to 52 lines per second (lps) for Single Byte Character Set (SBCS) output, or 50 lps for Double Byte Character Set (DBCS) fonts. These capabilities make SureMark Printers ideal for retailers who want to reduce transaction times, customise receipts with marketing messages, and maximise uptime at the point of sale (POS).

### Exceptional print quality

SureMark Printers use the latest innovations in thermal printing to ensure crisp, clean output. 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 colour (red or blue).

### Convenient and easy to use

With their small footprint, SureMark Printers consume very little counter space. An optional wall-mount with upside-down printing keeps the printer off the counter, yet receipts stay right-side up as they exit the wall-mounted unit. Overall, paper handling is fast and easy, so operators can change paper rolls quickly without increasing customer waiting time. With 90mm-diameter rolls – and an optional bracket that allows even larger rolls to be mounted under a countertop – you can keep reloads to an absolute minimum.

# The complete package for high-performance POS printing



## Thermal receipt station

- 1 Provides fast, quiet output for SBCS or DBCS applications, helping reduce transaction times at the POS
- 2 Barcodes, logos, colour graphics and TrueType fonts create opportunities to customise receipts for targeted marketing
- 3 Receipt out-of-paper sensor
- 4 Cutter
- 5 Tear bar

## Physical design

- 6 Optional spill-resistant cover helps protect internal electronics against liquid hazards, improving reliability and uptime
- 7 2MB or 8MB upgrade (optional on some models) provides additional memory for electronic journaling or extended logo storage
- 8 Electronic journaling support helps eliminate the time and expense of printing, storing and managing paper journals
- 9 Modular interface adapters allow you to use SureMark Printers with a wide range of POS hardware and switch interfaces as your needs dictate
- 10 Top and bottom covers can be colour-matched to IBM hardware
- 11 Top and bottom document sensors
- 12 Powered USB and RS-485 attachments
- 13 Standard USB and RS-232 attachments (external power brick required)

## Models overview

	Character set	Cover	Warranty service <sup>1</sup>
<b>TM6</b>	SBCS	Pearl White <sup>2</sup>	IBM onsite repair
<b>TM7</b>	DBCS	Pearl White <sup>2</sup>	IBM onsite repair
<b>TF6</b>	SBCS	Iron Grey <sup>3</sup>	Depot service
<b>TF7</b>	DBCS	Iron Grey <sup>3</sup>	IBM onsite repair
<b>DM6</b>	SBCS	Pearl White <sup>2</sup>	Depot service
<b>IF6</b>	SBCS	Iron Grey <sup>3</sup>	IBM onsite repair

<sup>1</sup> 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.

<sup>2</sup> Bottom cover will be Litho Grey with RS-485/RS-232 adapter (matches IBM SurePOS 4694 System). Bottom cover will be Storm Grey with USB adapter (matches the IBM SurePOS 700 Series).

<sup>3</sup> Matches the IBM SurePOS 300, the IBM SurePOS 500 Series and the IBM SurePOS 600 Series.

### Fast, flawless operation

IBM SureMark Printers store logos and barcodes in flash memory, so they can be generated automatically. This minimises total transaction time, allowing retailers to print logos, barcodes, graphics or text messages on receipts without affecting customer wait-time. 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 service

IBM SureMark Printers feature a simple, snap-together design that makes each one extremely convenient to maintain.

### Single platform, global appeal

With single-station models for SBCS or DBCS output, SureMark Printers allow international, multinational and global retailers to use one printer platform for every store worldwide. This improves service and support efficiency.

### Emulations ease migration

All single-station models in the family of SureMark Printers offer emulation of the IBM Model 3, IBM Model 4 and Epson TM-T88II printers.<sup>4</sup> This allows retailers to replace existing printers with SureMark Printers to help 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

	TM6/DM6	TF6/IF6	TM7/TF7
<b>Hardware</b>			
<i>Printing speed<sup>5</sup></i>			
Receipt station (one-colour paper)	Up to 52 lps @ 8 lpi, 39 lps @ 6 lpi		Up to 50 lps @ 7.7 lpi
Receipt station (two-colour paper)	Up to 35 lps @ 8 lpi, 26 lps @ 6 lpi		Up to 30 lps
Printing resolution (thermal)	203 dpi		
<i>Memory usage</i>			
Data buffer RAM	16KB	16KB	16KB
Flash memory for microcode	512KB	512KB	512KB
Flash memory for offline journal	104KB	104KB	360KB
Flash memory for logos	64KB to 168KB	64KB to 168KB	64KB to 420KB
Flash memory for fixed messages	8KB	8KB	8KB
Flash memory for code pages	80KB	80KB	1536KB
2MB and 8MB flash memory	Optional	Optional	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 / Wall-mounted		
Ports	Cash drawer (+24V)		
Dimensions (WxDxH)	145 x 177 <sup>6</sup> x 95mm <sup>7</sup> (5.5 x 7 x 3.75")		
Weight	1.4 kg (3.0 lbs)		
<b>Industry Standards</b>			
Resident barcode formats	UPC A/E, JAN 8 (EAN), Code 39, ITF, Code 93, Code 128 a, b and c, Codabar, PDF417		
<b>Peripheral Options</b>			
Integration kits	IBM SurePOS 700 Series	IBM SurePOS 500 Series	IBM SurePOS 700 Series
	IBM SurePOS 4694 System	IBM SurePOS 600 Series	IBM SurePOS 4694 System
<b>NEW</b> Spill-resistant cover	Yes	Yes	Yes
Power brick	Yes	Yes	Yes
Supply options	IBM now offers branded paper supplies. For more information please contact your IBM sales representative		
<b>Availability</b>			
North America	Yes	Yes	No
Latin America	TM6 only	TF6 only	No
Europe, Middle East, Africa	TM6 only	TF6 only	No
Asia Pacific	TM6 only	TF6 only	Yes

## IBM SureMark Printers at a glance (cont.)



	TM6/DM6	TF6/IF6	TM7/TF7
<b>Software<sup>8</sup></b>			
Operating system support <sup>9</sup>	<ul style="list-style-type: none"><li>• IBM 4690 Operating System</li><li>• Microsoft® Windows® 2000 (Professional Edition)</li><li>• Microsoft Windows 98 (Second Edition)</li><li>• Microsoft Windows XP (Professional Edition)</li><li>• Red Hat Linux (7.1)</li></ul>		
Drivers supported <sup>9</sup>	<ul style="list-style-type: none"><li>• OLE for Point of Sale (OPOS) (version 1.5.0 or later)</li><li>• JavaPOS™ (version 1.5.0, Linux 1.5.1 USB or later)</li><li>• POSS for Microsoft Windows (version 2.3.0 or later)</li><li>• POSS for Linux (version 1.1.0 or later)</li></ul>		

<sup>4</sup> Not all printer functions are emulated. Please visit the IBM support Web site ([ibm.com/industries/retail/store/support](http://ibm.com/industries/retail/store/support)) for a full listing of printer emulation functions).

<sup>5</sup> Indicates maximum rated speed. Actual print speed depends on user-specific configuration of interface, application, operating system and drivers.

<sup>6</sup> Indicates depth at counter. Projected depth is 196mm (7.7").

<sup>7</sup> Rear height is 121.5mm (4.8").

<sup>8</sup> Some printer functions may not be supported by all combinations of operating systems and drivers.

<sup>9</sup> Please visit the IBM support Web site ([ibm.com/industries/retail/store/support](http://ibm.com/industries/retail/store/support)) to obtain the latest compatibility data for operating systems, interfaces and IBM hardware.

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Printed in the United States on recycled paper containing 10% recovered post-consumer fibre.

Printed in the United States of America  
05-03

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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](http://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.

Front cover shows IBM SureMark Printer, Models TM6 and TF6

Page 2 shows IBM SureMark Printer, Model TF6

G583-0626-00