

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



## IBM SureMark Printers: Single-station models



*Models TF6 and TM6*

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### Highlights

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- ***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 specialty stores, these single-station printers can withstand exposure to dust, dirt and electrostatic shock, and help protect against vibration. An optional spill-resistant cover protects against liquid hazards in food service. Most importantly, 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

that want to reduce transaction times, customize receipts with marketing messages and maximize uptime at the point of sale (POS).

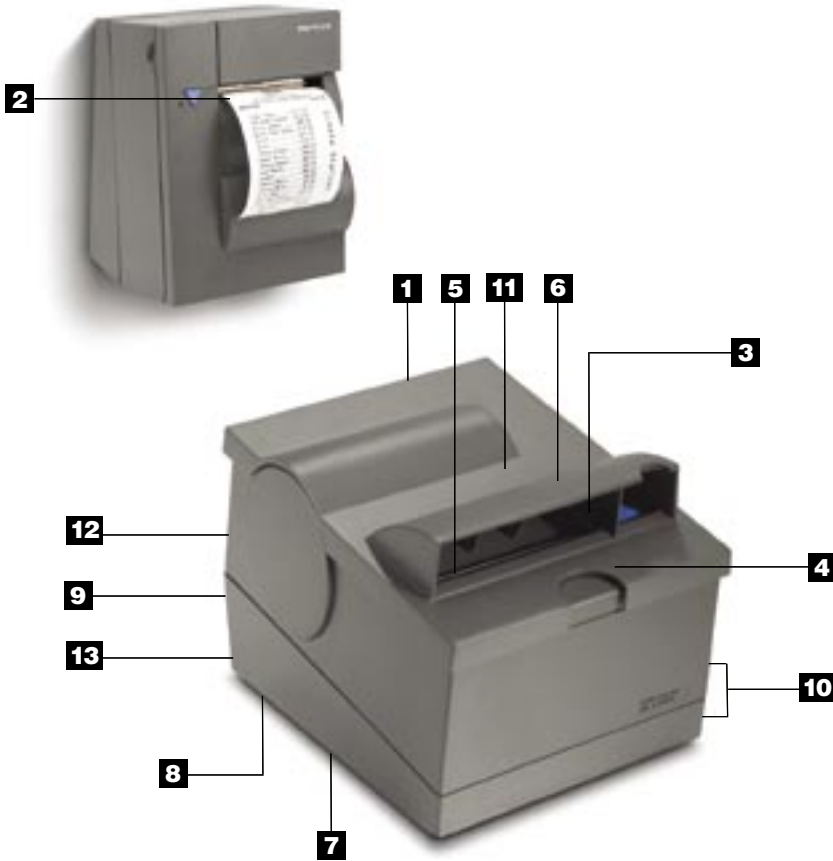
### **Exceptional print quality**

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 printing to highlight special offers, savings totals, loyalty points and other details in a high-impact accent color (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 wait 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



Model TF6

## Thermal receipt station

- 1** Provides fast, quiet output for SBCS or DBCS applications, helping reduce transaction times at the POS
- 2** Barcodes, logos, color graphics and TrueType fonts create opportunities to customize 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 color-matched to IBM hardware

**11** Top and bottom document sensors

**12** Powered USB and RS-485 attachments

**13** USB and RS-232 attachments (external power brick required)

## Models overview

|     | Character set | Cover color              | Warranty service <sup>1</sup> |
|-----|---------------|--------------------------|-------------------------------|
| TM6 | SBCS          | Pearl White <sup>2</sup> | IBM onsite repair             |
| TM7 | DBCS          | Pearl White <sup>2</sup> | IBM onsite repair             |
| TF6 | SBCS          | Iron Gray <sup>3</sup>   | Depot service                 |
| TF7 | DBCS          | Iron Gray <sup>3</sup>   | IBM onsite repair             |
| DM6 | SBCS          | Pearl White <sup>2</sup> | Depot service                 |
| IF6 | SBCS          | Iron Gray <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 Gray with RS-485/RS-232 adapter (matches IBM SurePOS™ 4694 system). Bottom cover will be Storm Gray with USB adapter (matches the IBM SurePOS 700 Series).

<sup>3</sup> Matches the IBM SurePOS 300 Series, 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 minimizes 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

| Models                            | TM6/DM6  | TF6/IF6                | TM7/TF7                 |
|-----------------------------------|--|------------------------|-------------------------|
| <b>Hardware</b>                   |  |                        |                         |
| <i>Printing speed<sup>5</sup></i> |  |                        |                         |
| Receipt station (one-color paper) | Up to 52 lps @ 8 lpi, 39 lps @ 6 lpi   |                        | Up to 50 lps @ 7.7 lpi  |
| Receipt station (two-color 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 |
| 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.         |                        |                         |
| Weight                            | <ul style="list-style-type: none"> <li>12-inch: 4.8 lbs/2.2 kg</li> <li>15-inch: 7.5 lbs/3.4 kg</li> </ul>         |                        |                         |
| <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 (continued)

| Models                                | 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 OS</li> <li>• Microsoft® Windows® 2000 (Professional Edition)</li> <li>• Microsoft Windows 98 (2nd Edition)</li> <li>• Microsoft Windows XP (Professional Edition)</li> <li>• Red Hat Linux®</li> </ul> |         |   |
| Drivers supported <sup>9</sup>        | <ul style="list-style-type: none"> <li>• OLE for POS (OPOS)</li> <li>• Java™ POS</li> <li>• POSS for Microsoft Windows</li> <li>• POSS for Linux</li> <li>• DOS</li> <li>• Native Windows driver for Microsoft Windows</li> </ul>                         |         | <ul style="list-style-type: none"> <li>• OLE for POS (OPOS)</li> <li>• Java POS</li> <li>• POSS for Microsoft Windows</li> <li>• POSS for Linux</li> <li>• DOS</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.

### For more information

To learn more about IBM SureMark Printers and other retail store solutions from IBM, please contact your local IBM representative or visit:

**[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.



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