

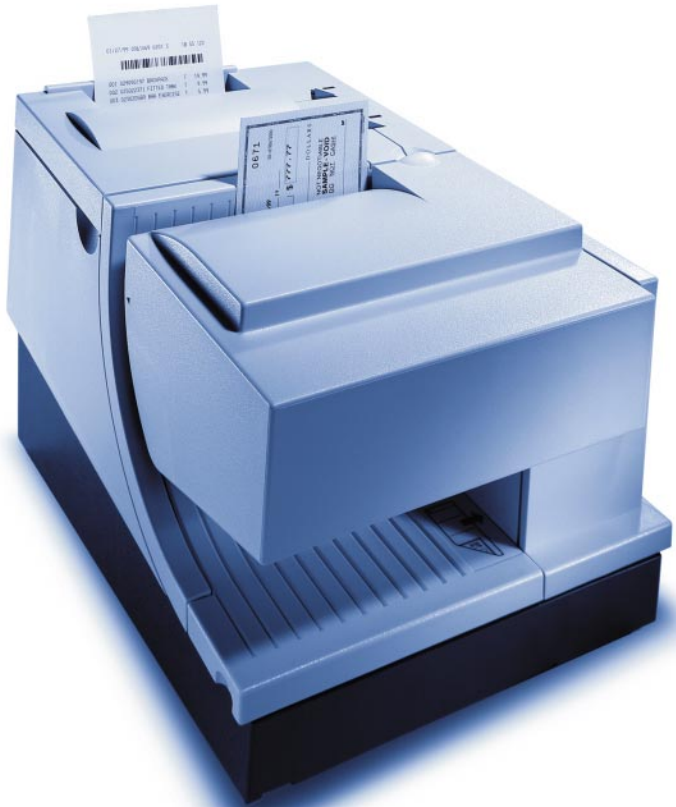
The IBM 4610 SureMark™ Point-of-Sale Printer
The SUREPOS™ Family



*Even faster point-of-sale printing for
demanding retail environments.*



SureMark



Highlights

Powerful Performance

The IBM 4610 SureMark Point-of-Sale (POS) Printer can make an immediate impact on productivity. At 52 lines per second (lps), high-quality thermal receipt printing is faster than ever before. Impact slip printing handles multipart forms and checks with ease. Redesigned fonts and characters make receipts easier to read for clerks and shoppers alike. And optional single-pass check handling reduces the risk of customer or operator error.

Engineered for Retail

We designed the SureMark Printer for high reliability, with durable hardware and printing mechanisms engineered to deliver steady, hassle-free operation, even in the most demanding retail environments. It offers the smallest footprint

Superior speed for POS printing.

High-powered POS performance

The quiet, high-quality thermal receipt printer sets a new standard for speed with 52 lines per second (lps) output. This rapid pace gives retailers the ability to print store logos, coupons and marketing messages on the receipt without compromising transaction time. This fast printing process allows retailers to use applications that print after the completion of the transaction. Which allows POS applications to eliminate voids and group duplicated items. The result is a "clean" receipt that's easier for customers to scan for accuracy.

We also improved legibility with completely redesigned fonts. New character shapes are crisper and clearer. So marketing messages are easier to read and more memorable.

For printing on checks or multipart forms, it includes an impact slip printing station. What's more, the SureMark Printer is completely Euro-ready.

in its class, so it fits wherever you need it most. And its simple drop-and-load mechanism makes paper handling quick, easy and virtually error-proof.

Investment Protection

The SureMark Printer supports RS485/RS232 connections. It also accepts modular interface adapters, giving retailers the flexibility to upgrade to future I/O connectivity, such as Universal Serial Bus (USB), as it becomes available. This ability to migrate smoothly to emerging technologies protects customers' prior hardware investments.

Single-pass check handling

For single-pass check handling, choose Model T14. Operators simply place checks into the impact slip station, and the printer completes the task in just 14 seconds. Inline MICR reading reduces check verification errors. After approval, the printer endorses the back, flips the check and prints on the face of the check. This eliminates the chance of errors from dual insertions, and allows POS operators to focus on the customer's needs.

Conventional handling of MICR reading, check endorsing and printing are all available as well. And for retailers who need check handling without MICR reading, we offer Model T13.

Multiuse printer memory

The SureMark Printer offers generous flash memory for fail-safe storage of electronic journaling data. Flash memory also keeps barcodes, trailers, graphics, logos and user-defined

character tables stored in the printer. With this information resident, the SureMark increases print speed because less data must be transferred from the POS terminal to the printer.

Retail-hardened design

Virtually every aspect of the SureMark Printer is designed to resist the dust, dirt and spills common to many POS environments. So you can be sure the rugged design will provide constant, hassle-free results under harsh conditions.

Easy to use for operators

Drop-and-load paper handling makes refills quick and easy. Changing ribbons is simple, too: just lift off the old cartridge, snap the new one in and turn the knob to move the ribbon into place. We fit all these helpful features in a trim package with one of the most compact footprints in its class.

Flexible options to protect your investment

The SureMark Printer works with a variety of POS hardware configurations, including many non-IBM systems. SureMark Printers support RS485/RS232 in a single, modular adapter. The ability to accept modular interface adapters gives you several options for future system integration. Should your hardware configuration change, it's easy to upgrade the SureMark Printer. So you can select the interface that best supports your current hardware investment, then migrate smoothly to new technologies like USB as they become available.

For more information

To learn more about IBM POS systems, contact your IBM representative or call IBM Direct at 1 800 IBM-CALL (1 800 426-2255) or (770) 863-1000 outside the U.S. and Canada.

Visit our Website

<http://www.ibm.com/solutions/retail>



IBM 4610 SureMark POS Printers at a glance

(All information applies to Models T13 and T14 unless otherwise indicated.)



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- 1 For a copy of the terms and conditions of IBM's Statement of Limited Warranty, please contact your IBM representative or authorized reseller.

Speed	<ul style="list-style-type: none">• Thermal receipt station:<ul style="list-style-type: none">- 52 lines per second at 8 lines per inch- 39 lines per second at 6 lines per inch• Impact slip station: 4.3 lines per second
Interfaces	<ul style="list-style-type: none">• RS-485<ul style="list-style-type: none">- For attachment to IBM 4683, 4693 and 4694 POS terminals, and IBM 7497 POS Attachment Kit (separate power supply not required)• RS-232<ul style="list-style-type: none">- For attachment to the IBM 4614 SureOne POS terminal, IBM 4695 POS terminals, personal computers or other vendors' POS devices- DTR/DSR or XON/XOFF communications mode- 9-pin D-shell connector at 9.6 Kbaud or 19.2 Kbaud- Power supply required (see optional features)
Printing Characteristics	<ul style="list-style-type: none">• Thermal print resolution: 8 dots per mm (203 dots per in.)• Font A<ul style="list-style-type: none">- 10x20 dot characters at 15 or 17 characters per inch- Receipt: 44 or 48 characters per line on 80 mm (3.15 in.) paper- Slip: 47 or 52 characters per line on inserted documents• Font B<ul style="list-style-type: none">- 12x24 dot characters at 12 characters per inch- Receipt: 34 characters per line on 80 mm (3.15 in.) paper- Slip: 37 characters per line on inserted documents• Additional choices<ul style="list-style-type: none">- Double-wide or double-high characters- Double-wide and double-high characters- Underscore (Receipt only)- Reverse image (Receipt only)- 90° rotation of characters (Receipt only)- Portrait or landscape (Slip only)
Resident Character Sets	<ul style="list-style-type: none">• Code pages: 437 (U.S.), 850 (International), 860 (Portuguese), 863 (Canadian French), 865 (Norwegian)• User-specified: 4 additional thermal and 2 additional matrix code pages• Euro-ready
Resident Barcode Formats	<ul style="list-style-type: none">• UPC A/E, EAN 8, EAN 13, JAN 8, JAN 13, Code 39, ITF, Code 93, Code 128, Codabar, PDF 417
Flash Memory Usage	<ul style="list-style-type: none">• 16 KB data buffer• Microcode (can be updated by user)• 256 KB accessible to user for storage of:<ul style="list-style-type: none">- Fixed messages- Logos and graphics- Additional code pages- Electronic journal or other user data storage
Features of Model T14	<ul style="list-style-type: none">• MICR: Reads E13B and CMC7 fonts. Auto Switch feature detects which format is being used and decodes accordingly• Check-handling feature: Under program control MICR is read and sent to POS, check is franked, flipped over and printed on face• Flipped documents dimensions: 66 mm to 101 mm width (2.6 in.–4.0 in.); 80 mm to 223 mm length (3.14 in.–8.8 in.)
Additional Standard Features	<ul style="list-style-type: none">• Cutter• Receipt out-of-paper sensor• Top and bottom of document sensors• Cash drawer port (supports two cash drawers)• Cash drawer uses a standard RJ11 connector
Optional Features	<ul style="list-style-type: none">• RS-485 and RS-232 cables for attachment to IBM POS devices• Universal power supply for use with RS-232 attachment
Dimensions	<ul style="list-style-type: none">• 190.5 mm W (200.5 mm W with overhanging ledge) x 272 mm D x 144 mm H front, 190 mm H back• 7.5 in. W (7.89 in. W with overhanging ledge) x 10.7 in. D x 5.5 in. H front, 7.5 in. H back• Weight: Model T13 4.4 kg (9.6 lbs), Model T14 4.8 kg (10.5 lbs)
Supply Specifications	<ul style="list-style-type: none">• Thermal paper: POS grade (may be recycled with other paper products); Width (80 mm (3.15 in.)) / Diameter of roll (80 mm (3.15 in.))• Ribbon: Epson ERC35 or equivalent (black or purple)• Forms: Single and multipart forms / Original and two or more clear copies depending on form thickness / Minimum width 66 mm (2.6 in.); minimum length 80 mm (3.15 in.)
Operating Systems	<ul style="list-style-type: none">• Drivers are available for RS-485 attachment using:<ul style="list-style-type: none">- 4690 OS V1 at maintenance level 9910- IBM PC DOS 2000 with Point-of-Sale Subsystem for DOS V 16.0 + delta package 160(b)- OPOS V 1.4 with Point-of-Sale Subsystem for Windows 1.4.2- Microsoft Windows® V 3.1, Windows NT® 4.0 or Windows 98 with Point-of-Sale Subsystem for Windows V 1.4.2• No driver is required for RS-232 attachment
IBM Application Support with 4690 OS or Windows NT	<ul style="list-style-type: none">• 4690 terminal services for Windows NT is required when using Windows NT 4.0 as the operating system• SUREPOS ACE• Chain Sales Application at maintenance level 9701 plus PRPQ 5799-QYP• 4680/4690 Supermarket Application at maintenance level 9701, APAR IR33229 plus PRPQ 5799-QYL• 4680/4690 General Sales Application at maintenance level 9701, APAR IR33228 plus PRPQ 5799-QYN• Electronic Journal function for above applications PRPQ 5799-QXL
IBM Application Support with DOS	<ul style="list-style-type: none">• Retail Application
Limited Warranty¹	<ul style="list-style-type: none">• 1 year
ISO Certification	<ul style="list-style-type: none">• IBMs Retail and Distribution Solutions development and manufacturing organizations are ISO 9001 certified