



# IBM SurePOS 300 machine type 4810 offer new point-of-sale keyboards

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## At a glance

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### More choice, more flexibility

- Modular design for flexibility and customization of keyboard
- Interface adaptability: USB or PS/2 via cable
- Authentication device: fingerprint reader (not available with key locks)
- Pointing device that combines touch pad and pointer into one module (available on modular alphanumeric POS (ANPOS) and modular compact alphanumeric POS (CANPOS) keyboards only)
- Reconfigurable keyboard to meet operational requirements
- Options: Enhanced three-track magnetic stripe reader (MSR) and standard key locks

### Enhanced MSR function

- Supports wedge mode option for MSR data
- Recognizes driver's license data from magnetic stripe
- Supports metallic (not metal) and small form factor cards

### Programmable POS keys

- ANPOS: 58 keys (46 with numeric pad)
- CANPOS: 32 keys
- 67-key: 67 keys (55 with numeric pad)

### Eco-friendly

- Upgradable: Modular building blocks enable reuse of parts in future installations; fewer obsolete products and less disposal.
- Reuse: Compatibility with recent IBM POS systems makes it easy to repair worn components and easy to upgrade as technology changes.
- Environmental impact: Packaging consists primarily of recycled post-consumer waste materials and most content may be recycled.

### Investment protection

- Compatible with existing IBM POS 300, 500, 700, and AnyPlace Kiosk™ systems
- Reconfigurable keyboard functions without replacing keyboard base
- Retail hardened to extend keyboard life
- Improved serviceability

- Support for the latest connectivity

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## Overview

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Three point-of-sale (POS) keyboards are available for use with the SurePOS™ 300 platform.

The new keyboards offer a range of additional features and functions that enable you to expand and customize your systems. Standard interfaces like USB and PS/2® provide compatibility that helps optimize your existing investments. The new keyboards are available in color-matched iron gray to coordinate with your new or existing SurePOS 300 system.

The keyboards are easier to use and include optional features such as a combined touch pad and pointer for improved data entry and faster transaction times. The pointing device and touch pad eliminate the need for a separate mouse. New biometric authentication ensures increased security in system operations.

The keyboards also include standard IBM keyboard options such as MSRs and key locks. All three keyboards are designed for easier servicing, simplified customization, and the adaptability to help you respond to changing operational requirements.

- The modular ANPOS keyboard is a new version of one of IBM's most widely used POS keyboards. It contains all the great features and functions of the modular ANPOS with additional new capabilities to make operations easier, faster and improve security.
- The modular CANPOS keyboard is a new version of IBM's popular compact POS keyboard, valued for its space-saving modular design. It takes up less workspace on a counter, and fits in a small checkout area — an important feature for the specialty retail and hospitality and service industries.
- A newly designed 67-key POS keyboard is an expanded version of IBM's most widely used 50-key POS keyboard. This keyboard provides additional function to enable retailers to use a broader range of applications.

These new features and functions, combined with IBM quality, reliability, and service make these the most versatile keyboards for any POS environment.

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## Key prerequisites

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One of the following operating systems is required to support the modular ANPOS, modular CANPOS, and modular 67-key keyboards:

- Microsoft® Windows® 2000
- Microsoft Windows XP Professional Edition with Service Pack 2, or later
- Microsoft Windows XP Embedded with Service Pack 2, or later
- Microsoft Windows Embedded for Point of Service (WEPOS) V1, or later
- Microsoft Windows Vista®
- PC DOS 2000, DOS 7 (DOS does not support USB)
- Linux™ (NLPOS 9 SSP3, IRES 2.1.5 compatibility mode only)

Driver support is available from the support Web site. The following drivers support the new keyboards:

- UPOS 1.9.4 (compatibility mode only)
- Future version of UPOS (includes full support for new modular keyboards)

### Notes

- Compatibility mode enables existing applications and configurations to work with the new modular POS keyboards. Existing connectivity and optional functions (such as MSRs and key locks) should be maintained. The fingerprint reader is not supported in compatibility mode. For more technical information, refer to the support Web site

- Software enablement of the fingerprint reader for Windows and Linux is provided by Digital Persona and is the responsibility of the customer.
- For Model E3H WEPOS upgrade feature recovery media, clients purchasing these products directly from IBM must sign the ICA Attachment for Certain Microsoft Windows Embedded Operating Systems, Z125-7894 (U.S.) or INTC-7894, which documents unique terms that apply to these products.

### **Planned availability dates**

- August 29, 2008, all features except feature number 4134
- September 30, 2008, feature number 4134 only

### **Business Partner information**

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If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld ID and password are required (use IBM ID).

BP Attachment for Announcement Letter 108-375

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=108-375>

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PS/2 is a registered trademark of International Business Machines Corporation in the United States or other countries or both.

Microsoft, Windows, and Windows Vista are registered trademarks of Microsoft Corporation.

Linux is a trademark of Linus Torvalds in the United States, other countries or both.

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## **Education support**

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Although no individual courses are offered for these new keyboards, the POS system courses will be updated with information about the corresponding new keyboards. To view the available Retail Store Solutions education courses, visit

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

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## **Publications**

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## **Services**

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### **Global Technology Services**

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IBM services include business consulting, outsourcing, hosting services, applications, and other technology management.

These services help you learn about, plan, install, manage, or optimize your IT infrastructure to be an On Demand Business. They can help you integrate your high-speed networks, storage systems, application servers, wireless protocols, and an array of platforms, middleware, and communications software for IBM and many non-IBM offerings. IBM is your one-stop shop for IT support needs.

For details on available services, contact your IBM representative or visit

<http://www.ibm.com/services/>

For details on available IBM Business Continuity and Recovery Services, contact your IBM representative or visit

<http://www.ibm.com/services/continuity>

For details on education offerings related to specific products, visit

<http://www.ibm.com/services/learning/index.html>

Select your country, and then select the product as the category.

## Technical information

### Planning information

**Customer responsibilities:** The customer is responsible for unpacking and setting up this feature in accordance with the customer setup instructions provided.

### Security, auditability, and control

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communications facilities.

## Terms and conditions

**MES discount applicable:** Equal to the volume commitment discount.

**Field-installable feature:** Yes

**Warranty period:** One year

This feature or features assume the same warranty or maintenance terms as the machine in which it is installed for the full warranty or maintenance period announced for such machine.

**Customer setup:** Yes

## Prices

**Note:** The following features are orderable on machine type 4810 models 330, E3H, and 33H.

Description	Feat	P F B
Modular Compact ANPOS Keyboard		
Modular CANPOS Keyboard -- US English	2250	B
Modular CANPOS Keyboard -- Spanish	2254	B
Modular ANPOS Keyboards		
Modular ANPOS Keyboard -- Spanish	2290	B
Modular ANPOS Keyboard -- US English	2280	B
Modular 67 Key-Keyboard Iron Gray	2270	B
Preferred keyboard configurations		

Modular CANPOS w/Touchpad/Ptg stick, US Eng-no MSR/keylock	1350	P
Modular ANPOS w/MSR, Touchpad/Ptg stick, Keylock US Eng	1351	P
Modular 67-Key Keyboard w/MSR & Keylock Iron	1355	P
Modular CANPOS Keyboards, iron gray		
Modular CANPOS Keyboard -- U. S. English	2250	B
Modular ANPOS Keyboard		
Modular ANPOS Keyboard -- U. S. English	2280	B
Modular 67-Key Keyboard Iron Gray	2270	B
Integration of Keyboard Features Specify	1111	P
Optional keyboard features		
3-Track MSR Module Iron Gray	2260	B
2 Position Keylock Module Iron Gray	2264	B
Touchpad/Ptg Stick Module Iron Gray	2266	B
Fingerprint Reader Module Iron Gray	2268	B
Fillers		
Filler MSR Iron Gray	1370	F
Filler Authentication Module Iron Gray	1374	F
Filler Touchpad/Pointing Stick Iron Gray	1376	F
Cables		
USB cable 1.4M Black	1320	B
USB cable 3.8M Black	1321	B
PS2 cable 1.4M Black	1322	B
PS2 cable 3.8M Black	1323	B
Powered USB cable 1.4M Black	1324	B
Powered USB cable 3.8M Black	1325	B
Key kits		
Modular 67-Key Keyboard Lens Kit	1420	B
Modular ANPOS Lens Kit	1421	B
Modular CANPOS Lens Kit	1422	B
Key caps		
Keyboard Key Caps -- 1x1 SS (25 units)	1426	B
Keyboard Key Caps -- 1x2 (25 units)	1427	B
Keyboard Key Caps -- 1x1 Tall (25 units)	1428	B
Keyboard Key Caps -- 1x2 Tall (25 units)	1429	B
67 Key Keyboard Single Caps -- 1x1 (25 units)	1430	B
67 Key Keyboard Double Caps -- 1x2 (25 units)	1431	B
67 Key Keyboard Single Caps -- 1x1 Tall (25 units)	1432	B
67 Key Keyboard Double Caps -- 1x2 WT Tall (25 units)	1433	B
Legend sheets		
Modular ANPOS Keyboard Legend -- Blank	1423	F
Modular CANPOS Keyboard Legend -- Blank	1424	F
Modular 67-Key Keyboard Legend -- Blank	1425	F
<b>Note:</b> the following WEPOS recovery CD is available on Model E3H:		
		P
		F
Description	Feat	B
WEPOS -IBM image Recovery Media 1.1 Upgrade	4134	B
Accessories	Part number	
Blanking bar, 67-key white, kit of 5	46V4076	
Blanking bar, 67-key black, kit of 5	46V4077	

Blanking bar, ANPOS black, kit of 5	46V4079
MST Test card	90X9640
Key Puller kit	93F1944

**Note:** The following features are orderable on Machine Type 4611 Models 481:

Description	Feat	P
		B
Modular CANPOS Keyboard -- U.S. English	2250	B
Modular CANPOS Keyboard -- Spanish	2254	B
Modular ANPOS Keyboard -- Spanish	2290	B
Modular ANPOS Keyboard -- U.S. English	2280	B
Modular CANPOS w/Touchpad/Ptg stick, US Eng no MSR/kylock	1350	B
Modular ANPOS w/MSR, Touchpad/Ptg stick, Keylock US Eng	1351	B
Modular 67-Key Keyboard w/MSR & Keylock Iron	1355	B
Modular 67-Key Keyboard iron gray	2270	B
3-Track MSR Module Iron Gray	2260	B
2 Position Keylock Iron Gray	2264	B
Touchpad/Ptg stick Module Iron Gray	2266	B
Fingerprint Reader Module Iron Gray	2268	B
Filler MSR Iron Gray	1370	B
Filler Authentication Module Iron Gray	1374	B
Filler Touchpad/Ptg stick Iron Gray	1376	B
USB cable 1.4M Black	1320	B
USB cable 3.8M Black	1321	B
PS2 cable 1.4M Black	1322	B
PS2 cable 3.8M Black	1323	B
Powered USB cable 1.4M Black	1324	B
Powered USB cable 3.8M Black	1325	B
Modular 67-Key Keyboard Lens Kit	1420	B
Modular ANPOS Lens Kit	1421	B
Modular CANPOS Lens Kit	1422	B
Keyboard Key Caps -- 1x1 SS (25 units)	1426	B
Keyboard Key Caps -- 1x2 (25 units)	1427	B
Keyboard Key Caps -- 1x1 Tall (25 units)	1428	B
Keyboard Key Caps -- 1x2 Tall (25 units)	1429	B
67 Key Keyboard Single Caps -- 1x1 (25 units)	1430	B
67 Key Keyboard Double Caps -- 1x2 (25 units)	1431	B
67 Key Keyboard Single Caps -- 1x1 Tall (25 units)	1432	B
67 Key Keyboard Double Caps -- 1x2 WT Tall (25 units)	1433	B
Modular ANPOS Keyboard Legend -- Blank	1423	B
Modular CANPOS Keyboard Legend -- Blank	1424	B
Modular 67-Key Keyboard Legend -- Blank	1425	B

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