

September 16, 2003 update to course:

*RE4820: Introducing the SurePoint™: Selling and Supporting the IBM SurePoint Solution (SK2T-0461)*

**Note:** This document is intended to supplement the base course. The information in this document will be included in the next release of the course.

## **New SurePoint™ Solution Models**

On September 16, 2003, IBM Retail Store Solutions added two new models to the IBM SurePoint Solution Flat Panel Touch Display family. Both models feature Universal Serial Bus (USB) connectivity and industry-standard analog video support. Model 4WT has pearl white covers and Model 4GT has iron gray covers. All other features are identical for both models.



Model 4WT

## **Five-in-one performance**

The new SurePoint Solution models offer a variety of input options to provide five-in-one performance:

- A *touch screen*, for easy, intuitive operation
- A 32-key, programmable *keypad* for familiar key-entry of data
- A convenient *magnetic stripe reader*, available with or without a keypad
- A thumb-operated *pointing device* to ease navigation
- A built-in *speaker and microphone* to enable full multimedia capability

## **Designed for retail**

The SurePoint Solution is designed to meet the needs of the demanding retail environment. The IBM SurePoint Solution Flat Panel Touch Display with USB:

- Can be adjusted for different in-store lighting conditions
- Is protected against accidents with its spill-resistant covers
- Uses less power and emits less heat than a CRT
- Features an optional manager's keylock
- Accommodates full-motion video
- Saves valuable counter space with its slim profile and integrated, distributed, and wall mount configurations



Model 4GT

## **Prerequisites**

- The IBM SurePoint Solution Flat Panel Touch Display with USB attaches to IBM POS system units and PCs via standard USB or powered USB interfaces and analog video interfaces. Systems without powered USB will

need a power brick to power the display. The following IBM POS systems are supported:

- SurePOS™ 700 Series systems
- SurePOS 300 systems
- USB-enabled SurePOS 4694 systems
- SurePOS 500 and 600 Series systems, although these will more typically use an RS-232 model of the SurePoint Solution
- Drivers are available for USB attachment using one of the following:
  - 4690 OS V2.3 or later. 4690 OS includes JavaPOS.
  - Windows® 2000 Professional (when available)
    - With Point of Sale Subsystem (POSS) for Windows support from POSS Suite V1.1
    - With OPOS and JavaPOS support from POSS Suite V1.2
  - Windows 98 Second Edition
    - With POSS/Win, OPOS and JavaPOS support from Point-of-Sale Suite V1.0
  - Drivers may be downloaded from the Web site:

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

- A sound card is required to use the optional speaker and microphone system.
- Keylock, MSR and keypad support is available on both models 4WT and 4GT. The keylock, keypad/MSR support logic feature (FC 1900) is required.

### Physical Specifications – Models 4WT and 4GT

Width: 300 mm (12 in)  
 Height: 244.9 mm (10 in)  
 Weight: 1.75 kg (3.9 lb)  
 Weight (with keypad/MSR): 2.25 kg (4.9 lb)  
 Weight (with MSR): 1.95 kg (4.34 lb)



Viewable area: 246 x 185 mm  
 Color range: up to 256K colors  
 Maximum resolution: 800 x 600 @ 60-75 Hz

	<b>Touch Display</b>	<b>MSR **</b>	<b>MSR with Keypad**</b>
<b>Width</b>	12 in (300 mm)	2.5 in (64 mm)	5.3 in (132 mm)
<b>Depth</b>	1.8 in (46 mm)	1.5 in (39 mm)	1.6 in (40 mm)
<b>Height</b>	10 in (244.9 mm)	7.6 in (191 mm)	7.6 in (191 mm)
<b>Weight</b>	3.9 lbs (1.75kg)	0.44 lbs (0.2 kg)	1 lb (0.5 kg)

\*\* The weights for the MSR and MSR with Keypad are in addition to the display weight.

When integrated, the MSR adds 1.7 inches (43 mm) to the width of display and the MSR and Keypad adds 4.4 inches (112 mm) to the width of the display.

### **Operating environment**

Temperature: 0 to 40 degrees C (32 to 104 degrees F)

Relative Humidity: 8 to 80 (percent)

Wet Bulb (Caloric Value): 27 C

Electrical Power: kVA .02

Leakage and Starting Current: <0.25ma / 100 V

### **Availability**

Planned availability for models 4WT and 4GT is October 10, 2003.

### **Additional information**

Part number and feature code charts follow this section. For more information on the new SurePoint Solution models, check the Retail Store Solutions Web site at:

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

Both the "Products" and "Support" sections should be helpful.

## Feature Codes and Part Numbers

<b>4820 Model Number</b>	<b>Description</b>	<b>Comments</b>	<b>AAS Part Number</b>	<b>SAP Part Number (US only)</b>	<b>Geo /All</b>
4WT (Base version)	12" SurePoint USB Touch Display, Pearl White, IOR	Attaches to 4694, 4800, 4810 or PC	14J0612	14J0613	All
4WT with FC 1900	MSR/Keypad/Lock Support Logic, USB (Factory Only Feature)	Prerequisite for all MSRs and Keypad FC's 3970, 3971, 3972, 3973, 6320, 6321 and Lock SC's 9200 & 9202 – 9211	14J0615	14J0616	All
4GT (Base version)	12" SurePoint USB Touch Display, Iron Gray, IOR	Attaches to 4694, 4800, 4810, 4840 or PC	14J0618	14J0619	All
4GT with FC 1900	MSR/Keypad/Lock Support Logic, USB (Factory Only Feature)	Prerequisite for all MSRs and Keypad FC's 3970, 3971, 3972, 3973, 6320, 6321 and Lock SC's 9200 & 9202 - 9211	14J0621	14J0622	All

Notes: FC = Feature Code                      IOR = IBM On-site Repair  
Information in the Description column in parenthesis indicates either pre- or co-requisites or the country where the item is available

Description	Feature Code	AAS Part Number	SAP Feature Code (US only)	Geo /All
<b>USB Signal Cables:</b>				
Powered USB display cable, Integrated, 0.7m <sup>1</sup>	5575	08L2143	01L1636	All
Powered USB Display Cable, Distributed, Medium Length, 1.8m <sup>1</sup>	5572	07K5155	07K5153	All
Powered USB Display Cable, Distributed, Long Length, 3.8m <sup>1</sup>	5570	08L2144	01L1637	All
Standard USB Display Cable, Distributed, 3.8m <sup>2</sup>	5574	14J0624	47L8705	All
<b>Video Cables:</b>				
Short Analog Video Cable, 0.8m	3469	07K5125	47L8747	All
Medium Analog Video Cable, 1.8m	3474	07K5126	25L7095	All
Long Analog Video Cable, 3.8m	3475	07K5127	25L7094	All
Analog Video to DVI-I Adapter cable, 0.3m <sup>3</sup>	5635	99J9349	99J9355	All
<b>Power Cords:</b>				
Power cord 1.0m (USA, Canada)	----	07K4019	----	US / Canada
Power cord 1.0m (Argentina)	----	67P0010	----	LA
Power cord 1.0m (Australia)	----	07K4020	----	AP
Power cord 1.0m (Austria, Belgium, France, Germany, etc.)	----	07K4021	----	EMEA
Power cord 1.0m (Denmark)	----	07K4022	----	EMEA
Power cord 1.0m (South Africa)	----	07K4023	----	EMEA
Power cord 1.0m (Japan)	----	07K4024	----	AP
Power cord 1.0m (Switzerland)	----	07K4025	----	EMEA
Power cord 1.0m (Italy, Chile, etc.)	----	07K4026	----	EMEA , LA
Power cord 1.0m (Korea)	----	07K4027	----	AP
Power cord 1.0m (Israel)	----	07K4028	----	EMEA
Power cord 1.0m (UK, Hong Kong, etc.)	----	07K4029	----	EMEA , AP
<b>Specify for Power Cords (when customer wants a cord that is not the country default):</b>				
Power cord 1.0m (Austria, Belgium, France, Germany)	PC01	07K4021	----	EMEA
Power cord 1.0m (Denmark)	PC02	07K4022	----	EMEA
Power cord 1.0m (South Africa)	PC03	07K4023	----	EMEA
Power Cord 1.0m (UK, Ireland)	PC04	07K4029	----	EMEA
Power cord 1.0m (Switzerland)	PC05	07K4025	----	EMEA
Power cord 1.0m (Italy)	PC06	07K4026	----	EMEA
Power cord 1.0m (Israel)	PC07	07K4028	----	EMEA

<sup>1</sup> Attaches to SurePOS 4694 models equipped with Powered USB and all SurePOS 700 Series systems

<sup>2</sup> Attaches to SurePOS 300, SurePOS 500 and 600 Series, and PC systems

<sup>3</sup> Required for SurePOS 700 Series systems

Description	Feature Code	AAS Part Number	SAP Feature Code (US only)	Geo /All
<b>Specify for Power Supply Voltage:</b>				
Specify Code for Low Voltage Power Supply - 100-125 VAC	2900	-----	-----	
Brick, universal	-----	10N0950	-----	All
No brick - Powered USB (FC5575, 5572, or 5570)	-----	9992900	-----	All
Specify Code for High Voltage Power Supply - 200-240 VAC	2901	-----	-----	
Brick, universal	-----	10N0950	-----	All but NA
No brick - Powered USB (FC5575, 5572, or 5570)	-----	9992901	-----	All but NA
<b>Stands:</b>				
Integrated Mount, 4800 Color (4WT)	4209	07K5164	-----	All
Integrated Mount, 4694 Color, SBCS (4WT)	4210	07K5132	-----	All
Integrated Mount, 4694 Color, DBCS (4WT)	4211	07K5162	-----	AP
VESA Mount, Pearl White (4WT)	4212	07K5137	-----	All
Distributed Mount, Short, 4800 Color (4WT)	4214	07K5136	-----	All
Distributed Mount, Short, 4694 Color (4WT)	4215	07K5135	-----	All
Distributed Mount, Tall, 4694 Color (4WT)	4216	07K5133	-----	All
Distributed Mount, Tall, 4800 Color (4WT)	4217	07K5134	-----	All
SurePoint Stand for SurePOS 500/600 (4GT)	4298	47P9293	-----	All
Weighted Distributed Stand, Iron Gray (4GT)	4299	07K7940	-----	All
Weighted Distributed Stand, Pearl White (4WT)	4300	07K6080	-----	All
Integrated Mount, Short, 4694, Wide (4WT)	7290	42P8200	55P6004	All
Integrated Mount, Tall, 4694, Wide (4WT)	7291	42P8201	55P6005	All

Description	Feature Code	AAS Part Number	SAP Feature Code (US only)	Geo /All
<b>Stands – SurePOS 720, 740, 780 (Integrated configuration only):</b>				
Integrated mount, short, for wide model	7295			
Pearl white / Storm gray (Model 10D,42D,42T,46D,46T,4WT,46R,48D,48T)	2920	10N1350	10N1351	
Iron gray (Model 1FR,4FD,4FT,4GT)	2921	10N1321	10N1322	
Integrated mount, Tall, for wide model	7296			
Pearl white / Storm gray (Model 10D,42D,42T,46D,46T,4WT,46R,48D,48T)	2920	10N1352	10N1353	
Iron gray (Model 1FR,4FD,4FT,4GT)	2921	10N1323	10N1324	
Integrated mount, Short, for narrow model	7297			
Pearl white / Storm gray (Model 10D,42D,42T,46D,46T,4WT,46R,48D,48T)	2920	10N1354	10N1355	
Iron gray (Model 1FR,4FD,4FT,4GT)	2921	10N1311	10N1310	
Integrated mount, Tall, for narrow model	7298			
Pearl white / Storm gray (Model 10D,42D,42T,46D,46T,4WT,46R,48D,48T)	2920	10N1356	10N1357	
Iron gray (Model 1FR,4FD,4FT,4GT)	2921	10N1316	10N1314	
<b>Hinge Covers – for configurations without an IBM stand:</b>				
Hinge Cover, Iron Gray	5099	10N0981	14J0950	
Hinge Cover, Pearl White	5100	10N0923	25L7104	
<b>I/O Devices:</b>				
MSR, 3-Track, Pearl White (4WT)	3970	07K5138	-----	All
MSR, JUCC, Japan/Korea, Pearl White (4WT)	3971	07K5139	-----	AP
MSR, 3-Track, Iron Gray (4GT)	3972	07K7941	-----	All
MSR, JUCC, Japan/Korea, Iron Gray (4GT)	3973	07K7942	-----	AP
Keypad/MSR, Pearl White (4WT)	6320	07K5140	-----	All
Keypad/MSR, JUCC, Pearl White (4WT)	6321	07K5141	-----	AP
Pointing Device, USB, Pearl White (4WT)	6511	07K5144	-----	All
Pointing Device, USB, Field, Pearl White (4WT)	6611	07K5144	-----	All
Cable Asm, Pointing Device, Extension (4WT)	6615	07K5143	-----	All
Speaker/Mic Kit, Factory, Pearl White (4WT)	6960	07K5145	-----	All
Speaker/Mic Kit, Field, Pearl White (4WT)	6970	07K5145	-----	All
Cable Asm, Speaker Kit, Short (FC 6960 or 6970)	6975	07K5146	-----	All
Cable Asm, Speaker Kit, Long (FC 6960 or 6970)	6977	07K5147	-----	All

Description	Feature Code	AAS Part Number	SAP Feature Code (US only)	Geo /All
<b>Keylocks:</b>				
Non-operative lock (FC 1900)	9200	4783923	4783923	All
Lock insert (2) (FC 1900)	9202	33G3352	33G3352	All
Lock insert (3) (FC 1900)	9203	33G3353	33G3353	All
Lock insert (4) (FC 1900)	9204	33G3354	33G3354	All
Lock insert (5) (FC 1900)	9205	33G3355	33G3355	All
Lock insert (6) (FC 1900)	9206	33G3356	33G3356	All
Lock insert (7) (FC 1900)	9207	33G3357	33G3357	All
Lock insert (8) (FC 1900)	9208	33G3358	33G3358	All
Lock insert (9) (FC 1900)	9209	33G3359	33G3359	All
Lock insert (10) (FC 1900)	9210	33G3360	33G3360	All
Lock insert (11) (FC 1900)	9211	33G3361	33G3361	All
Key Change Kit (FC 1900)	9521	4783922	4783922	All
<b>Publications:</b>				
Pub, Installation and Service, French	2928	07K4003	-----	EMEA
Pub, Installation and Service, German	2929	07K4004	-----	EMEA
Pub, Installation and Service, Japanese	2930	07K4005	-----	AP
Pub, Installation and Service, Spanish	2931	07K4007	-----	EMEA ,NA, LA
Pub, Installation and Service, Italian	2932	10N0726	-----	EMEA
Pub, Installation and Service, Canadian French	2935	07K4003	-----	NA
Pub, Installation and Service, Brazilian Portuguese	2938	07K4001	-----	LA
Pub, Installation and Service, Portuguese	2922	10N0727	-----	EMEA
Pub, Installation and Service, US English	2950	07K4000	-----	All
Pub, Installation and Service, Korean	2972	07K4006	-----	AP
Pub, Installation and Service, Chinese	2973	07K4002	-----	AP
Pub, Safety Messages, All languages	Base	01L1858	-----	All
Specify Code for No Installation and Service Guide	9809	9999809	-----	All