

Technical Bulletin

ISS45 V8: IBM-3035 Grocery Keyboard with 2x20 LCD

ISS45-TECH-11:13
October 12, 2011

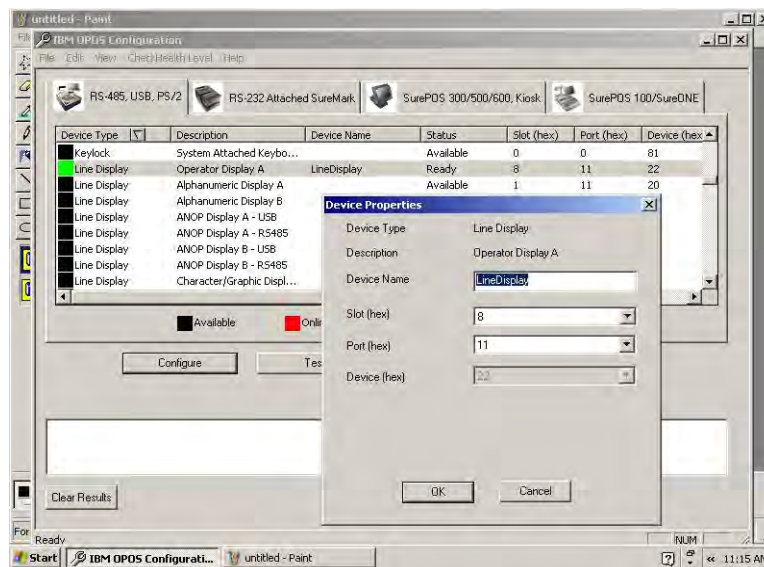
BACKGROUND

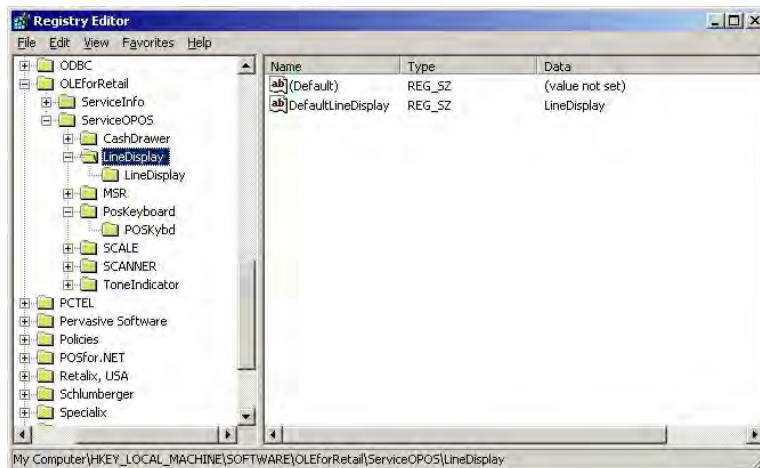
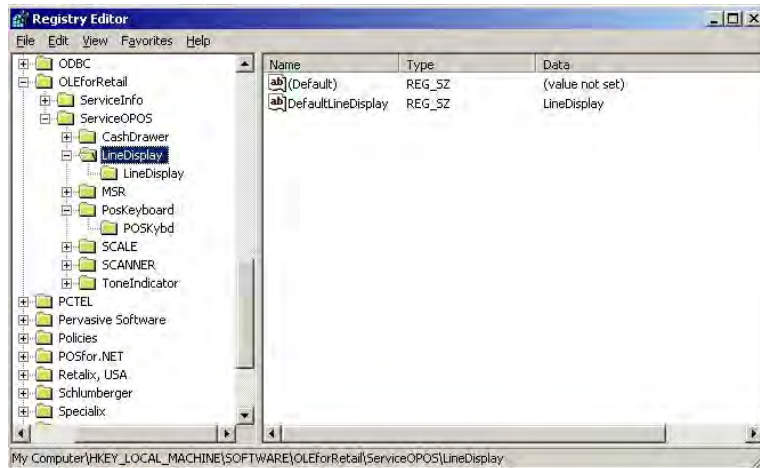
IBM has released a new 50-key grocery keyboard that includes a 2x20 operator display. The IBM keyboard is known as IBM-3035 (also labeled as IBM Part# 65Y4679, Model M8). Below is the setup for ISS45. This additional setup will be required in addition to following the IBM keyboard setup instructions in the installation manual.

CONFIGURATION

IBM UPOS configuration and resulting registry entries:

Line Display





POS Keyboard

The screenshot shows the IBM OPOS Configuration window with the 'POS Keyboard Device Properties' dialog box open. The dialog box contains the following fields and options:

- Device Type: POS Keyboard
- Description: POS Keyboard A - USB
- Device Name: POSKybd
- Slot (hex): 8
- Port (hex): 11
- Device (hex): 1c
- Map Pos Keys: File: C:\POS\DLL\KBDKMAP.DAT
- Num Lock/Scroll Lock Settings:
 - Num Lock Light Initially On
 - Num Lock Key Enabled
 - Scroll Lock Light Initially On
 - Scroll Lock Key Enabled
 - Typematic On

Buttons: OK, Cancel, Edit Map File, Clear Results.

The screenshot shows the IBM OPOS Configuration window displaying a list of devices. The table below represents the data shown in the window:

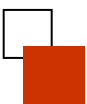
Device Type	Description	Device Name	Status	Slot (hex)	Port (hex)	Device (hex)
MSR	System Attached MSR		Available	0	0	82
POS Keyboard	POS Keyboard A - USB	POSKybd	Ready	8	11	1c
POS Keyboard	ANPOS_keyboard A		Available	1	11	1a
POS Keyboard	ANPOS_keyboard B		Available	1	11	1b
POS Keyboard	50 Key Keyboard A		Available	1	11	10
POS Keyboard	50 Key Keyboard B		Available	1	11	11
POS Keyboard	Matrix Keyboard A		Available	1	11	16
POS Keyboard	Matrix Keyboard B		Available	1	11	17
POS Keyboard	PLU keyboard USB		Available	8	11	19

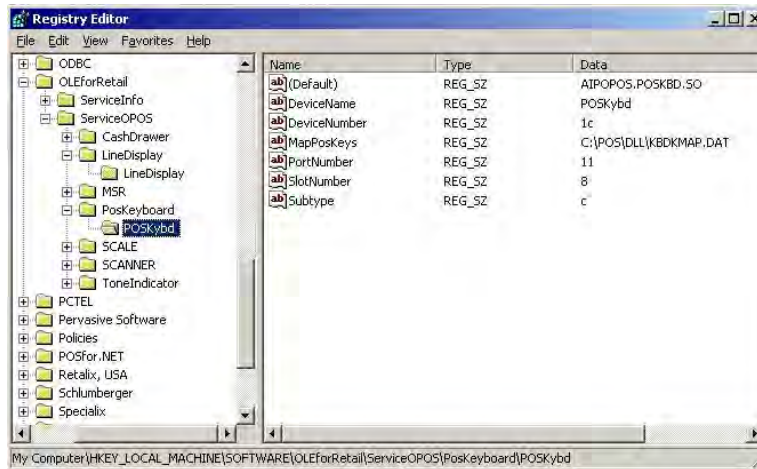
Legend: Available (black square), Online (red square), Configured (blue square), Ready (green square).

Buttons: Configure, Test, Device Description, Remove, Clear Results.

The screenshot shows the Windows Registry Editor with the following path selected: `My Computer\HKEY_LOCAL_MACHINE\SOFTWARE\OLEforRetail\ServiceOPOS\PosKeyboard`. The registry values are as follows:

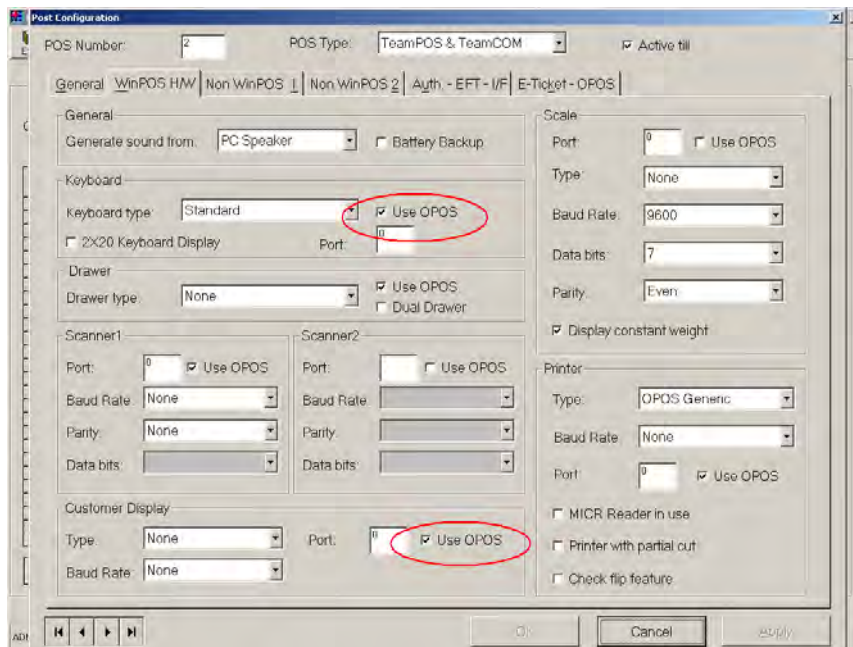
Name	Type	Data
(Default)	REG_SZ	
DefaultPOSKeyboard	REG_SZ	POSKybd



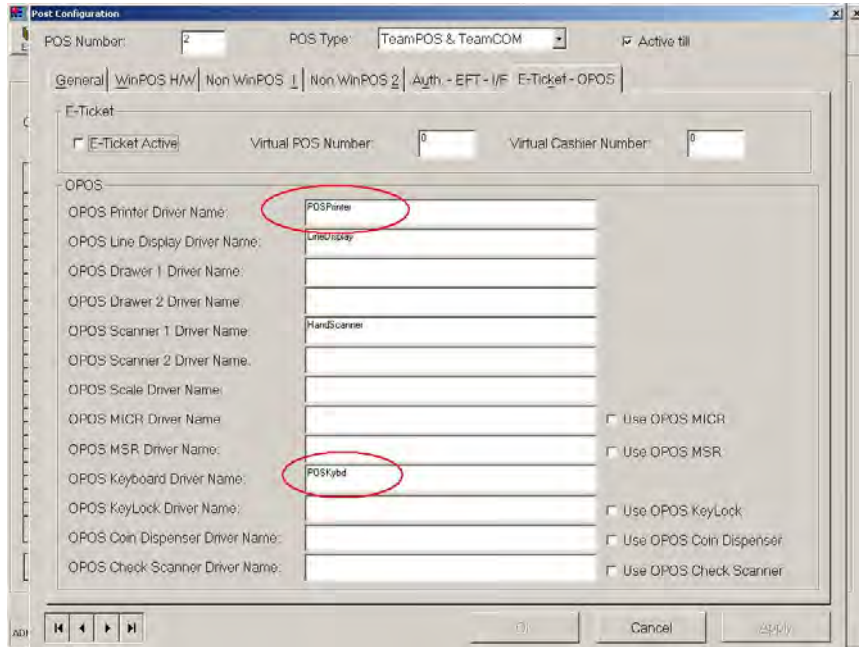


On MFS1 you need to check the following settings in POS Configuration:

Select "Use OPOS" for the keyboard and customer display on the "WinPOS H/W" tab:



Set the OPOS Driver names on the “E-Ticket-OPOS” tab:



Your keyboard and 2 x 20 should now be functional with ISS45 V8.

