

Technical Bulletin

ScanMaster: IBM-3035 Grocery Keyboard with 2x20 LCD

SM-TECH-11:12
October 12, 2011

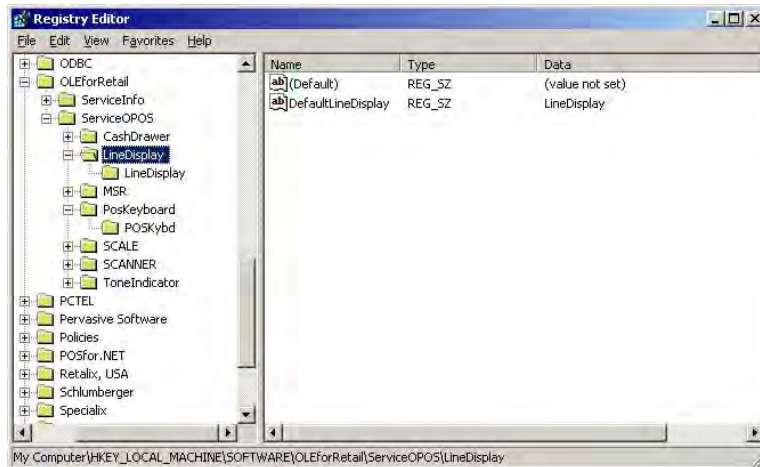
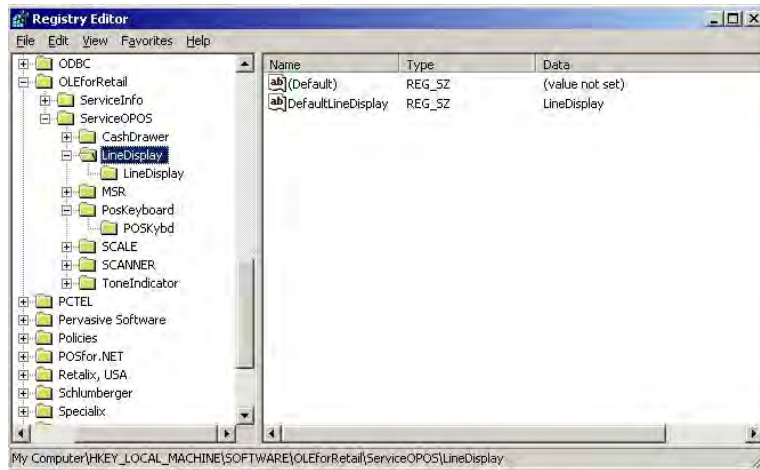
BACKGROUND

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 ScanMaster. This additional setup will be required in addition to following the IBM keyboard setup instructions in the installation manual.

CONFIGURATION

Line Display





POS Keyboard

The screenshot shows the IBM OPOS Configuration window with a '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 at the bottom of the dialog include 'OK', 'Cancel', and 'Edit Map File'. The background window shows a table of device configurations.

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

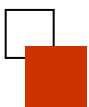
The screenshot shows the IBM OPOS Configuration window displaying a list of available devices. The table below shows the details for each device:

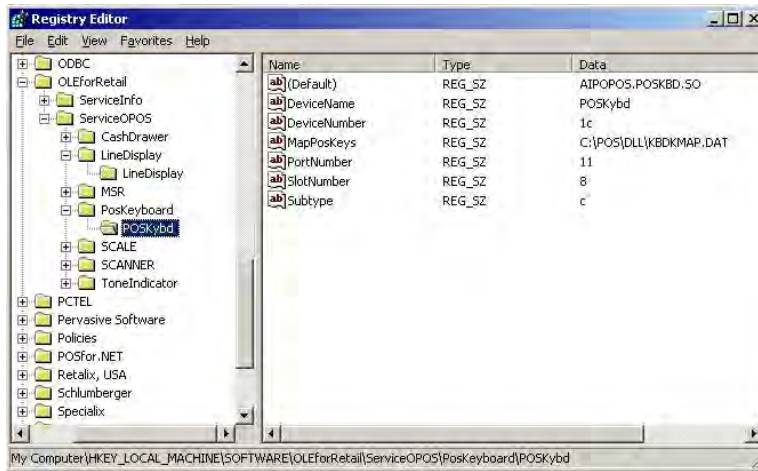
Device Type	Description	Device Name	Status	Slot (hex)	Port (hex)	Device (hex)
MSR	System Attached MSR		Available	0	0	82
POS Keyboard	POS Keyboard A - USB	POSKybd	Ready	8	11	1c
POS Keyboard	ANPOS_keyboard_A		Available	1	11	1a
POS Keyboard	ANPOS_keyboard_B		Available	1	11	1b
POS Keyboard	50 Key Keyboard 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 at the bottom include 'Configure', 'Test', 'Device Description', and 'Remove'.

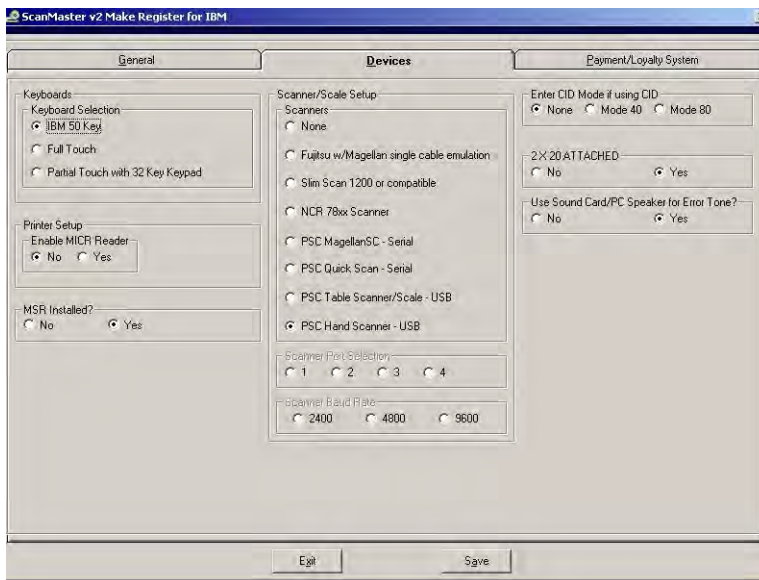
The screenshot shows the Windows Registry Editor with the following path selected: `My Computer\HKEY_LOCAL_MACHINE\SOFTWARE\OLEforRetail\ServiceOPOS\PosKeyboard`. The registry values are as follows:

Name	Type	Data
(Default)	REG_SZ	
DefaultPOSKeyboard	REG_SZ	POSKybd





In c:\grocery\MakeIBM.exe – select IBM 50 Key and 2 X 20 ATTACHED as YES. The other settings can vary depending on what other devices are on the POS.



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

