

**I-208
SS-102-USB
SS-102-NF-BMA**

Installation Instructions

If you are using a M-S USB cash drawer then uninstall any existing drivers for a USB Cash drawer by going to Control Panel > Add Remove Programs.

Set all 4 DIP switches to the UP/off position. (More info below)

Connect the drawer to the computer. The drawer doesn't require drivers and the drawer will install automatically as a Human Interface Device.

Download the setup file from the internet

<http://www.mscashdrawer.com/support.php>

<http://www.mscashdrawer.com/techcashdrawerUSB.php>

For Windows XP & 2K

http://www.mscashdrawer.com/Tech_Information/USBHIDsetup.exe

For Windows 7 & Vista

http://www.mscashdrawer.com/Tech_Information/USB_Vista.zip

Setup will install a test utility and the MSPOS_USB.dll file on your computer.

Use the M-S Cash Drawer USB Controller Ver2.0.0 utility to test the cash drawer. (See below)

If DIP Switches 1-3 are changed after the drawer is installed, the drawer needs to be unplugged and reconnected before the ID change is registered in the program.

Setting DIP Switches on Cash Drawer

Set the switches on the rear of the cash drawer to the desired USB ID (factory settings = 1)

USB ID	<u>USB ID</u> SW1	<u>CHART</u> SW2	SW3	<u>DRAWER STATUS</u> SW4
1	0	0	0	*
2	1	0	0	*
3	0	1	0	*
4	1	1	0	*
5	0	0	1	*
6	1	0	1	*
7	0	1	1	*
8	1	1	1	*
	0 = Off, 1 = On			

* SW4 specifies the type of micro switch in the cash drawer used to read the open / closed status of the drawer.

SW4=0 means NO (“normally open”): switch reads signal (switch closed) when drawer is closed.

SW4=1 means NC (“normally closed”): switch reads signal (switch closed) when drawer is open.

