



CUSTOM SENSORS Inc. 30 York St. Auburn, NY 13021

Manufacturers of Barcode and Photoelectric Sensors or Systems

Phone: 315-252-3741 Fax: 315-253-6910

Internet: <http://www.csensors.com>

E-mail: info@csensors.com

MT606 USB Adapter Installation Notes

Installation on IBM PC Compatibles

In order to use this adapter your PC must be running Windows® 98 or the last pre-installed version of Windows® 95 (4.00.950 B), or Windows® 2000. Earlier versions of Windows 95, or Windows NT do not support USB.

If other USB devices have not previously been used with this computer, Windows® should immediately try to find drivers for the adapter when it is installed. Windows® will need the installation CD to find the drivers. Once the drivers have been installed, the USB controller should appear in Device Manager. To check this, double click the System icon in Control Panel. Click the Device Manager tab. Click "View Devices by Type". Scroll to the bottom of the list to find Universal Serial Bus controllers.

If Windows® does not request drivers when the device is installed, or the USB controller does not appear in Device Manager, the USB hardware on your computer may have to be enabled in the BIOS or Setup program. Pressing the DEL key while computer boots usually accesses this. See your computer manual. In Award BIOS, USB usually appears under "Plug and Play and PCI Devices". Other BIOS may have different locations.

To test the device with a barcode scanner, open WordPad or any Word Processor in Windows®. Scan a barcode. The barcode data should appear as though it were typed on the keyboard.

Installation on Apple iMac Computers

Unlike the IBM/PC, the iMac is already using USB devices, so no driver installation should be necessary. Simply plug the unit into an available USB port, and it will be ready for use. With a barcode scanner attached to the USB converter, open a Word Processor Application. When a barcode is scanned, the data should appear as though it was typed on the keyboard.

Important Note for iMac Installations: The current available at any USB port is limited to 200 milliamps. The MT606 adapter draws 20 milliamps. Any devices connected to the adapter cannot draw more than 180 milliamps, or the port will be disabled. A powered hub is required on iMac computers if higher current devices are to be used. This applies to iMac installations only

Barcode Scanners Used with MT606

The MT606 has two input ports. One port is designed to be connected to a barcode scanner with a mini DIN-6 connector. This is the type of scanner that is normally used as an IBM/PC keyboard wedge. Using it with the adapter only requires that the male connector be plugged into the adapter. The other scanner connector is not used.

The other connector on the adapter is designed to be connected to a scanner with an Apple ADB (Apple Desktop Bus) interface. This is a mini DIN-4 connector. As above, the other scanner connector is not connected.

The USB Adapter can be used in an iMac computer with a PC Keyboard Wedge Scanner, or on a PC with an Apple ADB scanner. As long as just alphanumeric information is being sent, this will work out fine. Obviously no keyboard specific information, such as function keys, should be sent from either scanner. The adapter can also be used with two scanners simultaneously.

Using a Mouse with the MT606-4

The MT606-4 is can be used with an Apple ADB keyboard and mouse. It can only be used with a standard mouse, however. If used with a multi-button mouse, such as the Kensington Thinking Mouse, only a single button will function. Any mouse connected will act as a standard single button mouse.

Using a Mouse and Keyboard with the MT6-6-1

The MT606-1 will operate with a standard PS/2 keyboard and mouse. Devices that are not "standard" may work with the converter, but they will look like standard devices to the host computer. For example: a 3-button mouse may work with the converter, but it will work like a standard 2-button mouse.