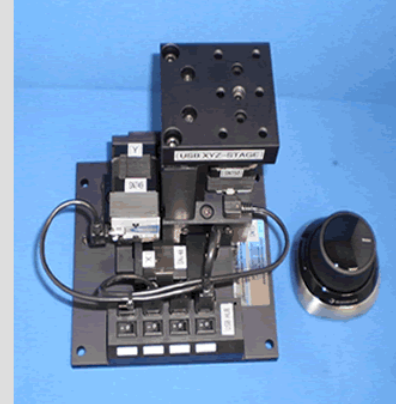


USB XYZ-Stage



USB XYZ Stage Features

- **USB controlled 3-Dimensional Linear Stage** for moving up to 2.0 Kg loads.
- **Three axis linear stage with 25 mm of travel of each X, Y, and Z axis.**
- **Each stepper motor based linear actuator has 0.75 um full steps.**
- **Mounts on standard optical tables with M6 screws on 25 mm centers.**
- **Low USB powered motors are energized only when moving.**
- **Built-in magnetic Home sensors for detecting the fully retracted position.**
- **USB Hot pluggable with Auto detection of actuators.**
- **Includes wireless 3D-Space Mouse.**
- **Manual position control with wireless 3D Space-Mouse.**
- **Includes 1 meter USB cable.**
- **Easy to use Windows (XP and higher) based User Interface software, DLL file included for integrating control into your own application.**

(\$3,895 single piece price)

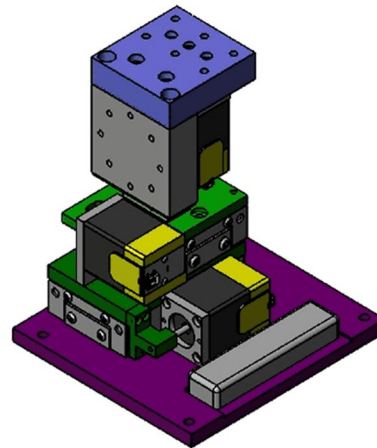
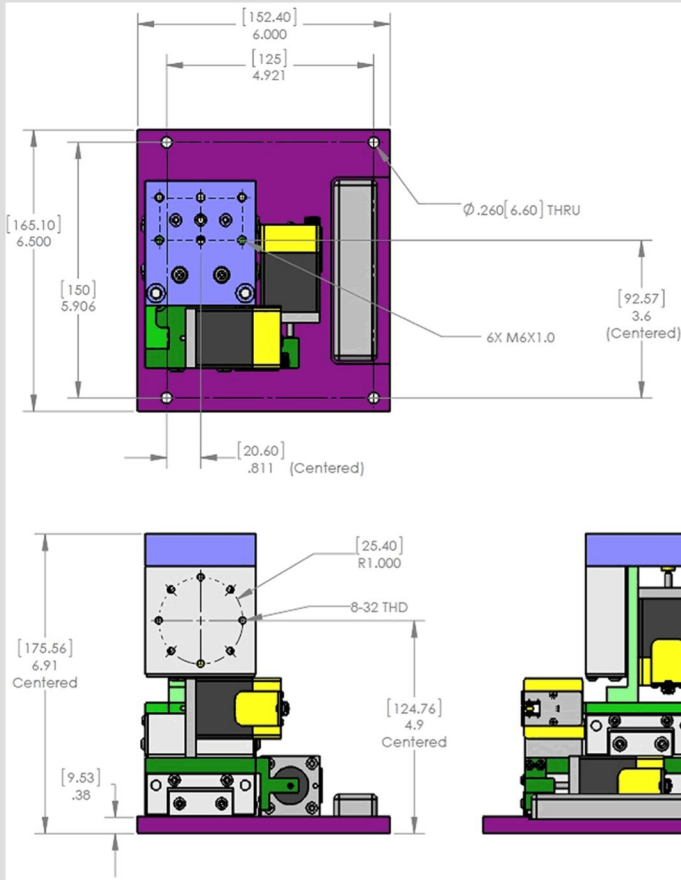
Picard Industries

4960 Quaker Hill Road, Albion, NY 14411

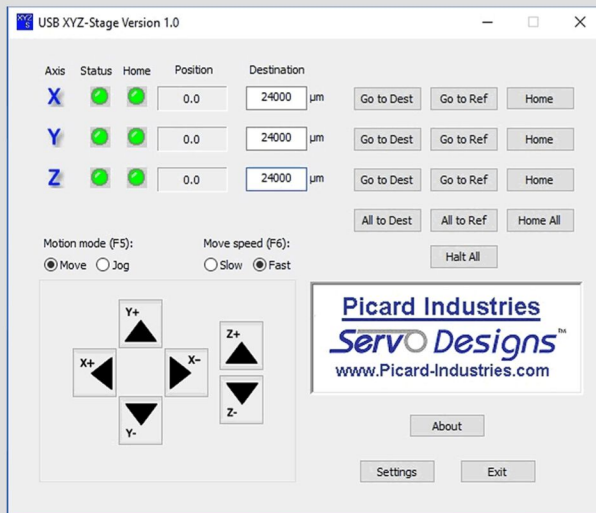
(585) 589-0358

www.Picard-Industries.com

Mechanical Layout



Software Interface



Description

The software will auto-detect the connections and display the Status of each axis and if properly connected, allow you to begin controlling the Stage with the User Interface or the Space Mouse.

To be properly connected, the 4-port USB Hub will need to be connected to an AC power source and its USB cable connected to the PC's USB port.

The serial numbers and other motor operating parameters may need to be entered. This is accomplished by clicking the "Settings" button.

Upon a successful initial connection the linear (X, Y, and Z) motors should be Homed by clicking the "All Home" button, after which they can be moved to the desired positions.

To the left is a sample of what the user interface panel looks like.