



## Operating Instructions

### 1. Introduction

The StressVest Quick Sight will allow you to sight the laser insert to your firearm. The laser is infrared (IR) so you can not see it with the naked eye. The Quick Sight uses a USB camera that is capable of seeing the IR laser to track and display where the laser is striking on a target.

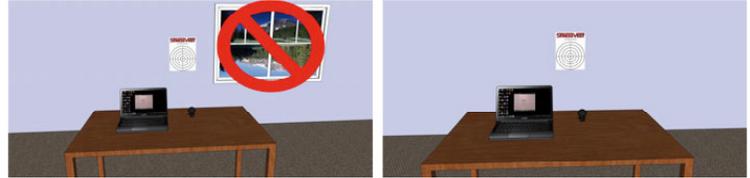


### 2. Requirements

- Windows 7, 8.1 or 10 computer
- Open USB 2.0 port
- Room with normal light (avoid sunlight from windows)
- Paper alignment target (can be printed from desktop link)
- Quick Sight software and USB camera

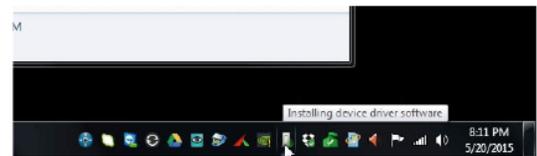
### 3. Setup

- Place Quick Sight USB camera on a desk or table approximately 20 inches from the target to the camera lens.
- Ensure there is not a window close to the target or where sunlight will fall on the target.
- No light sources in the view of the camera such as a lamp or window.
- Place the computer on the desk or table close to the camera so that you will be able to see the monitor and the target on the wall easily while aligning the laser.
- Go to the next step for instructions on plugging in the USB camera to the computer.



### 4. Connect USB Camera

- The Quick Sight USB camera does not require any drivers to be installed. It uses a built in Windows driver.
- Connect the Quick Sight USB camera to an open USB 2.0 port on your computer.
- Wait for your computer to recognize the camera and load the drivers.
- An icon in the lower right system tray will animate showing that the driver is being loaded. (This can take a minute or so depending on the computer)
- When it is finished loading the driver a popup in the lower right taskbar will tell you the device is ready to use.



### 5. Software Installation

1. Copy the 'StressVest QuickSight Installer' folder from the flash drive included in the box to your computer (e.g. Desktop).
2. Double-Click the 'SVAlignInstall.exe' file to run the installation.

Note: A downloadable version of the installer can be downloaded from our StressVest Support Website (<http://stressvest.com/support>).

3. Follow the prompts to step through the installation process till it is complete.

## 6. Using Quick Sight

- Locate the StressVest Target PDF that was placed on your desktop by the software. Double click to open it and print it out on your printer. If it is not on the desktop, it can be found in this folder: "C:\Caliber\Programs\SVAIalign\StressVest Print Target.pdf"
- Locate the Quick Sight desktop shortcut and double click to run the program.
- The software will now launch.
- Attach the StressVest Target to the wall in front of the camera using non-marking tape or Loctite Fun-Tak.
- The software will present you with a live view from the USB camera.
- If you can not see the target or the image is dark, turn on the IR LED camera illumination by rotating the dimmer dial on the camera's USB cable.



**Note:** The LEDs are IR so you will not see them on with the naked eye. You will see the target become more illuminated when they are on.

## 7. Using Quick Sight

- Point the camera at the target on the wall and use the focus ring on the front of the camera if the image needs to be focused.
- Click on StartTracking (When the Tracking Status in the lower right corner turns green the software is ready to track the laser)
- With each shot a red marker will indicate the shot location in the camera image.
- If the lighting in the room changes or you start to see false shots click on Stop Tracking and then Click on StartTracking again to re-calibrate lighting.
- When finished simply click Exit to close the software.



## 9. Troubleshooting (cont.)

### Shots are inaccurate

- There is a bright spot in the image caused by a light source or reflection.
  - \* Remove any reflective objects within the camera view or reposition camera to remove the reflection.
  - \* Ensure there are no direct light sources within the camera view.
  - \* Ensure there are no light sources shining directly on the camera view.
  - \* Remove any of the above and re-calibrate the lighting.

\* For example, light reflecting off the glossy tape attaching the target to the wall.



## 10. Troubleshooting (cont.)

### Unable to find a camera error screen

- Click Exit to close the program. After trying each of the follow, try launching the program again to see if the problem is fixed.
- Ensure you are using the Quick Sight USB camera
- Ensure the camera is plugged into a USB 2.0 port
- Unplug any other USB camera from the computer
- If the camera is already plugged into a USB 2.0 port, unplug the camera from the port, wait 10 seconds and plug it back into the USB 2.0 Port
  - \* If this does not work, unplug the camera from the port and plug it into a different USB 2.0 port (you will need to wait for the computer to load the USB driver again)



## 8. Troubleshooting

### Getting false shots

- Room lighting has changed since StartTracking was clicked.
  - \* Click Stop Tracking and then click StartTracking again to re-calibrate lighting.
- There is a bright spot in the image caused by a light source.
  - \* Remove any reflective objects within the camera view.
  - \* Ensure there are no direct light sources within the camera view.
  - \* Ensure there are no light sources shining directly on the camera view.
  - \* Remove any of the above and re-calibrate the lighting.



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