DataRay Inc.

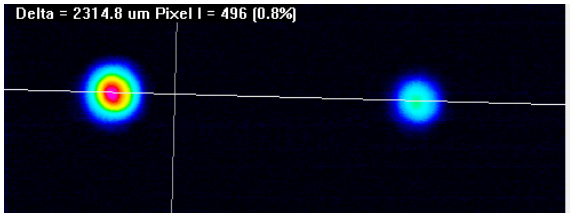
Advancing the Technology of
Laser Beam Profiling

Multi- Beam User Guide - Draft

Applies to: WinCamD Series with software Version 6.00S8q4 & higher (available at website).
Grayed out paragraphs are not yet implemented.

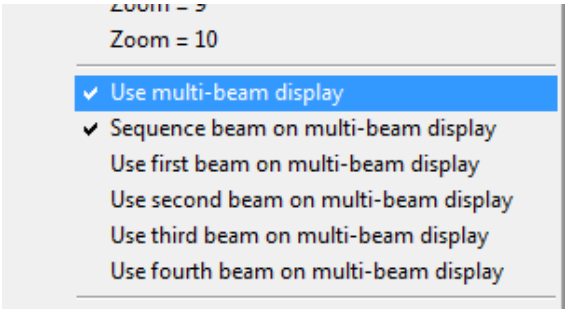
1) Set up the Beams. Learn to use the WinCam camera in normal mode, including the use of **Capture Block** & **Inclusion Region** as described in the manual.

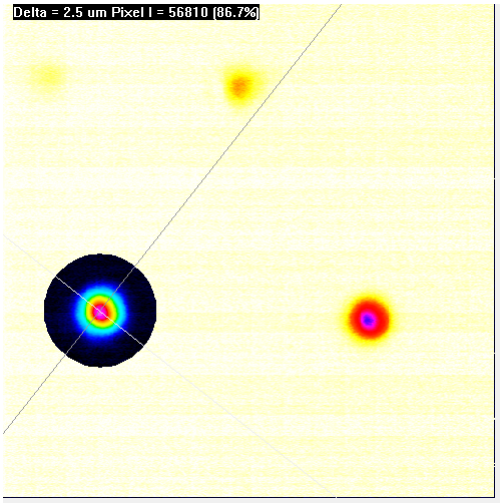
For the highest update rate, set a **Custom Capture Block** slightly larger than the area within which the beams are expected to appear.

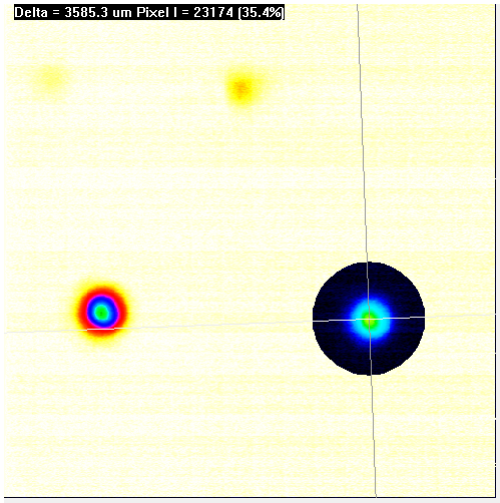


2) Select Multi-beam Mode. Right-click on the 2D screen and select **Use multi-beam display**.

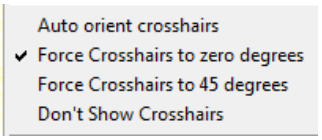
- Set the cross hairs to **Xc**.
- Setup the **Inclusion Region** on the first beam. Do not use the automatic settings.
- Press and hold the **Ctrl** key & click and drag the crosshairs to the new beam and set up an **Inclusion Region** on that beam.







- Optionally, right-click on the 2D area & **Force Crosshairs to zero degrees**.
- Optionally, **w**hen the region is on the beam/beam position that you wish to set as the relative zero, press **z** on the keyboard to set the **Xc** values to zero.



Current Bug. Right now the Inclusion Region switches randomly between the two beams. At some point before mid-August we will release the version that deals with multiple (>2) beams and allows you to choose to sequence between the beams or to choose which beam to track..