Select poses to use for calibration ([]=all):

[2 3 4 5 6 7 9 11 12 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37]

Initial calibration for camera 1:

Color internals:

Focal length: [1213.75 1301.76]

Principal point: [690.32 208.38]

Distortion: [-0.1461 1.6797 -0.1254 -0.0065 -2.0970]

Relative pose:

Rotation: [1.00000 0.00000 0.00000;

0.00000 1.00000 0.00000;

0.00000 0.00000 1.00000]

Translation: [0.00000 0.00000 0.00000]

Reprojection error std. dev.: 3.209246

Initial calibration for camera 2:

Color internals:

Focal length: [1007.50 967.23]

Principal point: [440.08 136.63]

Distortion: [-0.2503 2.8329 0.0191 0.0163 -8.4533]

Relative pose:

Rotation: [0.99753 -0.02821 0.06440;

0.01432 0.97830 0.20670;

-0.06883 -0.20526 0.97628]

Translation: [-0.00412 0.07936 0.07967]

Reprojection error std. dev.: 1.556919

Stats after depth params optimization:

Color 1: mean=-0.002575, std=3.209246 [-0.075297,+0.078835] (pixels)

Color 2: mean=-0.002102, std=1.556919 [-0.036529,+0.038246] (pixels)

Depth : mean=-109.725793, std=518.335972 [-0.628843,+0.630306] (disparity)

Depth internals:

Focal length: [590.00 590.00]

Principal point: [320.00 230.00]

Distortion: [0.0000 0.0000 0.0000 0.0000 0.0000]

Depth params: [3.11 -0.001052]

Depth distortion alpha: [0.0000 0.0000]

Relative pose:

Rotation: [1.00000 -0.00000 -0.00000;

0.00000 1.00000 0.00000;

0.00000 -0.00000 1.00000]

Translation: [-0.02500 0.00000 0.00000]