

# Camera calibration result

## 1. Picocam

◆ Resolution : 1024 x 1024

◆ Camera matrix :

$$\begin{bmatrix} 752.97751 & 0.0 & 515.65644 \\ 0.0 & 753.140470 & 520.70104 \\ 0.0 & 0.0 & 1.0 \end{bmatrix}$$

◆ Distortion coefficients :

$$\begin{bmatrix} -0.1725707 & 0.1306136 & 0.000180384 & -0.0001122886 & -0.0324448 \end{bmatrix}$$

◆ Average reprojection error : 0.09574

## 2 . Genius Widecam (F100)

◆ Resolution : 1280 x 720

◆ Camera matrix :

$$\begin{bmatrix} 461.64795 & 0.0 & 707.81686 \\ 0.0 & 449.86477 & 397.88914 \\ 0.0 & 0.0 & 1 \end{bmatrix}$$

◆ Distortion coefficients :

$$\begin{bmatrix} -0.0419098 & 0.030958 & -0.000754 & 0.003227 & -0.022964 \end{bmatrix}$$

◆ Average reprojection error : 0.17257

Unit is in pixel