

## WPI Camera to WPI Microscope Configurations

### Stereo Microscopes

Camera Description	PZM3	PZMT3	PZM4	PZMT4
COLCAM ½" CCD (8 mm diagonal), C-mount, CS-mount	Use 503097 Eyepiece Adapter in open eyepiece (58% FOV)	Use 501381 0.5X c-mount adapter on C-mount (51.6% FOV)	Use 503097 Eyepiece Adapter in open eyepiece (59% FOV)	Use 500262 0.5X C-mount adapter (53% FOV)
USBCAM33 1/3" CCD (6 mm diagonal), C-mount, CS-mount	Use 503097 Eyepiece Adapter in open eyepiece (42% FOV)	Use 501381 0.5X c-mount adapter on C-mount (42% FOV)	Use 503097 Eyepiece Adapter in open eyepiece (46% FOV)	Use 500261 0.3X c-mount adapter (44% FOV)
USBCAM50 ½" CCD (8 mm diagonal), C-mount, CS-mount	Use 503097 Eyepiece Adapter in open eyepiece (61% FOV)	Use 501381 0.5X c-mount adapter on C-mount (58% FOV)	Use 503097 Eyepiece Adapter in open eyepiece (65% FOV)	Use 500262 0.5X c-mount adapter (60% FOV)
USBCAM100* C-mount camera		Use 501381 0.5X c-mount adapter on C-mount (58% FOV)		Use 500262 0.5X c-mount adapter (60% FOV)

### Compound Microscopes

Camera Description	W30S	W30ST	W30ST with 503097	GPL-T Research scope	PSMT5 Surgioscope	I-101 Inverted C-mount	I-101 Inverted Eyetube
COLCAM ½" CCD (8 mm diagonal) C-mount, CS-mount	Use 503097 Eyepiece Adapter in open eyepiece (64% FOV)	Use existing 1X C-mount direct (40% FOV)	Calculated 88%	Use existing 0.4X C-mount direct. (89% FOV)	Use on 1/2" CS-mount w/o camera's 5 mm ring (70% FOV)	Use existing 1X C-mount direct (40% FOV)	503097, 85% FOV
USBCAM33 1/3" CCD (6 mm diagonal) C-mount, CS-mount	Use 503097 Eyepiece Adapter in open eyepiece (51% FOV)	Use existing 1X C-mount direct (30% FOV)	Calculated 66.5%	Use existing 0.4X C-mount direct. (66% FOV)	Use on 1/2" CS-mount w/o camera's 5 mm ring (57% FOV)	Use existing 1X C-mount direct (30% FOV)	W 503097 on eyetube 65% FOV
USBCAM50 ½" CCD (8 mm diagonal), C-mount, CS-mount	Use 503097 Eyepiece Adapter in open eyepiece (73% FOV)	Use existing 1X C-mount direct (40% FOV)	Calculated 90-95%	Use existing 0.4X C-mount direct. (89% FOV)	Use on 1/2" CS-mount w/o camera's 5 mm ring (70% FOV)	Use existing 1X C-mount direct (40% FOV)	W 503097 on eyetube 85% FOV
USBCAM100* C-mount camera		Use existing 1X C-mount direct (40% FOV)	Calculated 90-95%	Use existing 0.4X C-mount direct. (89% FOV)	N/A Surgioscope requires CS-mount	Use existing 1X C-mount direct (40% FOV)	

\*DC2000M, USBCAM100 are incompatible with 503097 eyepiece adaptor



**World Precision Instruments, Inc.**

175 Sarasota Center Blvd.  
Sarasota, FL 34240  
866.606.1974