



Camera to Stereo Microscope (Based on 30mm optics)

Camera Description	PZM3 (Binocular)	PZMT3 (Trinocular)	PZM4 (Binocular)	PZMT4 (Trinocular)
USBCAM50, USBCAM152 1/2" CCD (8mm diagonal), C-mount, CS-mount	Use 503097 Eyepiece Adapter in open eyepiece (60% FOV)	Use 501381 0.5X c-mount adapter on C-mount (53% FOV)	Use 503097 Eyepiece Adapter in open eyepiece (60% FOV)	Use 500262 0.5X C-mount adapter (53% FOV)
USBCAM33, USBCAM133, COLCAM-HD 1/3" CCD (6mm diagonal), C-mount, CS-mount	Use 503097 Eyepiece Adapter in open eyepiece (44% FOV)	Use 501381 0.5X c-mount adapter on C-mount (42% FOV)	Use 503097 Eyepiece Adapter in open eyepiece (44% FOV)	Use 500261 0.35X C-mount adapter (57% FOV)
COLCAM-HD1080P 1/2.33" CMOS (7.8 mm diagonal), C-mount	Use 503097 eyepiece adapter in open eyepiece (Calculated 58% FOV)	Use 501381 0.5X c-mount adapter on C-mount (Calculated 52% FOV)	Use 503097 eyepiece adapter in open eyepiece (Calculated 58% FOV)	Use 500261 0.35X C-mount adapter (Calculated 52% FOV)
USBCAM202 1/1.8" CCD (8.9 mm diagonal) C-mount camera	Use 503097 Eyepiece Adapter in open eyepiece (65% FOV)	Use 501381 0.5X c-mount adapter on C-mount (59% FOV)	Use 503097 Eyepiece Adapter in open eyepiece (66% FOV)	Use 500261 0.3X c-mount adapter (84% FOV)
PRO300HDS 1/ 2.5" CCD (7.182 mm diagonal)	N/A	Use 501381 0.5X c-mount (48% FOV)	N/A	Use 500262 0.5X C-mount (48% FOV)

Camera to Compound Microscope (Based on 20mm optics)

Camera Description	W30S	W30ST	W30ST with 503097*	504221/504445 3000-LED	PSMT5 Surgioscope	PIMT201/INV-101 Inverted C-mount	PIMT201/INV-101 Inverted Eyetube
USBCAM50, USBCAM152 1/2" CCD (8mm diagonal) C-mount, CS-mount	Use 503097 Eye-piece Adapter in open eyepiece (85% FOV)	Use existing 1X C-mount direct (40% FOV)	Calculated 85% FOV	Use 0.5X C-mount direct (80% FOV)	Use on 1/2" CS-mount w/o camera's 5mm ring (70% FOV) N/A for USBCAM152	Use existing 1X C-mount direct (40% FOV)	503097 (85% FOV)
USBCAM33, USBCAM133, COLCAM-HD 1/3" CCD (6mm diagonal), C-mount, CS-mount	Use 503097 Eye-piece Adapter in open eyepiece (66% FOV)	Use existing 1X C-mount direct (30% FOV)	Calculated 66.5% FOV	Use 0.35X C-mount (80% FOV)	Use on 1/2" CS-mount w/o camera's 5mm ring (57% FOV)	Use existing 1X C-mount direct (30% FOV)	503097 on eyetube (65% FOV)
COLCAM-HD1080P 1/2.33" CMOS (7.8 mm diagonal), C-Mount	Use 503097 eye-piece adapter in open eyepiece (Calculated 87% FOV)	Use existing 1X 40% FOV	Calculated 85% FOV	0.35X C-mount (Calculated 85% FOV) 0.5X C-mount Calculated 80%	70% FOV	Use existing 1X C-mount (Calculated 40% FOV)	Use 503097 on the eyetube (Calculated 85% FOV)
USBCAM202 1/1.8" CCD (8.9 mm diagonal) C-mount camera	With 503097 mount (95% FOV)	44.5% FOV	95% FOV	With 0.5X C-mount (89% FOV)	N/A	With 1X C-mount direct (45% FOV)	503097 (0.45X) on eyetube (95% FOV)
PRO300HDS 1/ 2.5" CCD (7.182 mm diagonal)	N/A	(36% FOV)	76% FOV	0.5X C-mount 72%	N/A	Use 1X C-mount (36% FOV)	503097 on eyetube (76% FOV)

***503097** is a 0.45X C-mount eyepiece adaptor

FOV is the "field of view" percentage that a camera can capture from the visual area that you see normally through a microscope. A 50% field of view is essentially the center half of the image that is seen visually. (This can also be considered a 2X magnification of the camera.)

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