



Camera Comparison Chart

Camera to Stereo Microscope (Based on 30mm optics)

Camera Description	P2M3 (Binocular)	P2MT3 (Trinocular)	P2M4 (Binocular)	P2MT4 (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 (37% FOV)
COLCAM-HD1080P 1/2.3" 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 (58% FOV)	Use 503097 Eyepiece Adapter in open eyepiece (65% FOV)	Use 500261 0.3X c-mount adapter (54% FOV)
PRO300HDS 1/2.5" CCD (7.182 mm diagonal)		Use 501381 0.5X c-mount (48% FOV)		Use 500262 0.5X C-mount (48% FOV)

Camera to Compound Microscope (Based on 20mm optics)

Camera Description	W30ST	W30ST with 503097	W30ST with 501381	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 Eyepiece Adapter in open eyepiece (60% FOV)	Use existing TX C-mount direct (30% FOV)	Use 0.5X C-mount direct (80% FOV)	Use on 1/2" CS-mount w/ camera's 5mm ring (70% FOV) N/A for USBCAM152	Use existing TX C-mount direct (40% FOV)	503097 (85% FOV)
USBCAM33, USBCAM133, COLCAM-HD 1/3" CCD (6mm diagonal) C-mount, CS-mount	Use 503097 Eyepiece Adapter in open eyepiece (44% FOV)	Use existing TX C-mount direct (30% FOV)	Calculated 66.5% FOV	Use on 1/2" CS-mount w/ camera's 5mm ring (57% FOV)	Use existing TX C-mount direct (30% FOV)	503097 on eyetube (85% FOV)
COLCAM-HD1080P 1/2.3" CMOS (7.8 mm diagonal) C-Mount	Use 503097 eyepiece adapter in open eyepiece (Calculated 87% FOV)	Use existing TX 40% FOV	Calculated 85% FOV	0.35X C-mount (Calculated 85% FOV) 0.5X C-mount Calculated 80%	Use existing TX 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	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 TX C-mount (36% FOV)	503097 on eyetube (76% FOV)

CHECK BACK SOON!