

# Standard Camera Couplers



Optem® Standard Couplers set the benchmark for versatility and image clarity. Featuring a unique two-piece design, our Standard Couplers consist of an optical camera coupler and a bottom clamp which fits into your microscope photoport or phototube.

This modularity affords greater flexibility for a wider range of both older and newer microscopes. To further flexibility, a single optical camera coupler can fit into any bottom clamp, affording you the economy to easily share a common camera across a variety of microscopes with only the cost of multiple bottom clamps.

Optem Standard Couplers contain an image plane within the optical coupler which allows you to project a 21mm reticle onto your monitor. An lockable focus set screw allows you to more easily establish and maintain parfocality on your video monitor.

## Image Quality

Precision optics produce crisp, flat-field images with all microscope objectives, including achromats, apochromats and plan fluorites.

## Magnification Options

Available in 0.38X, 0.50X, 0.67X, 1.0X, 1.6X and 2.0X magnification factors to provide maximum imaging flexibility.

## Reticle Capability

All Standard Couplers accept 21mm reticles for clear projection to your monitor.



**NOW PURCHASE ONLINE!**  
  
 Your quality microscopy connection!

## Versatile Connectivity

Available in C-mount, bayonet, F-mount, female C-to-male C-mount, and female C-mount to bayonet configurations to fit a wide variety of video cameras.

**QIOPTIQ IMAGING SOLUTIONS**  
[www.qioptiqimaging.com](http://www.qioptiqimaging.com)

# STANDARD CAMERA COUPLERS MODEL MAKER

Mount Type Column # 1	Mag. Factor Column # 2	Scope Brand Column # 3	Bottom Clamp Column # 4
<b>SC</b> C-MOUNT	<b>38</b> (0.38X) 1/2" camera, 6mm diag.	<b>L</b> LEICA (Leitz, Wild)	<b>A</b> LEICA COMPOUND • DM L Series • DM R Series • DM RD (does not fit Photo TV Module) • FSA Tube Adapter • TV Tube Adapter • Variotube (ALL insert into 37mm photoport, ALL Delta Optics Series with 37mm photoport)
	<b>50</b> (0.50X) 1/2" camera, 8mm diag.		<b>LEICA STEREO</b> • MS5 • MZ6 • MZ8 • MZ12 • MZAP0 (ALL w/ 37mm photoport) • GZ6 (w/ Phototube #13410309)
	<b>67</b> (0.67X) 1/2" camera, 11mm diag.		<b>LEICA INVERTED</b> • DMIL (inserts into 38mm ISO photoport)
	<b>10</b> (1.0X) 1" camera, 16mm diag.		<b>LEICA STEREO</b> • MS5 • MZ6 • MZ8 • MZ12 • MZAP0 (ALL insert into 38mm ISO photoport) • GZ6 (w/ Phototube #13410302)
	<b>16</b> (1.6X) 28mm diag.		<b>B</b> LEITZ UPRIGHT • Aristomet • Aristoplan • Dialux • Diaplan • Ergolux • Laborlux • Metallux • Ortholux • Orthoplan (ALL insert into 38mm ISO photoport)
<b>SS</b> SONY 1/2" Bayonet	<b>67</b> (0.67X) 2/3" camera, 11mm diag.	<b>N</b> NIKON	<b>LEITZ INVERTED</b> • Diavert • Fluovert • Labovert • Metallovert (ALL insert into 38mm ISO photoport)
	<b>16</b> (1.6X) 28mm diag.		<b>WILD STEREO</b> • M3 • M5 • M7 • M8 • M10 (ALL insert into 38mm ISO photoport)
	<b>20</b> (2.0X)		<b>WILD MACROSCOPE</b> • M420 (inserts into 38mm ISO photoport)
<b>SH</b> 1/2" Bayonet All but SONY	<b>50</b> (0.50X) 1/2" camera, 8mm diag.	<b>M</b> MITUTOYO	<b>J</b> WILD UPRIGHT • old Wild M11 • M20 • M40 • M50 (ALL w/ 25mm phototube)
	<b>67</b> (0.67X) 1/2" camera, 11mm diag.		<b>V</b> LEICA COMPOUND • DM L Series • DM R Series • DM IR Series • DM IL Series (ALL HC Optics Series)
<b>SB</b> 2/3" Bayonet (ENG)	<b>50</b> (0.50X) 1/2" camera, 8mm diag.	<b>F</b> NIKON	<b>C</b> UPRIGHT • Finescope 60 (nontilting head)
	<b>67</b> (0.67X) 1/2" camera, 11mm diag.		<b>E</b> UPRIGHT • FS110
<b>SF</b> F-Mount	<b>50</b> (0.50X) 1/2" camera, 8mm diag.	<b>O</b> OLYMPUS	<b>UPRIGHT</b> • Alphaphot-2 • Labophot-2 • Optiphot-2 (ALL w/ phototube) • Multi-image module • Microphot (w/ Nikon phototube #79429)
	<b>67</b> (0.67X) 1/2" camera, 11mm diag.		<b>INVERTED</b> • Diaphot 300/200 (w/ side port phototube) • Diaphot TMD • Epiphot TME • TMS-F
<b>SE</b> EOS Bayonet	<b>67</b> (0.67X) 1/2" camera, 11mm diag.	<b>B</b>	<b>STEREO</b> • SMZ-U (w/ phototube) • SMZ-10A (w/ phototube) • SMZ-2T
	<b>16</b> (1.6X) 28mm diag.		<b>MEASURING</b> • MM-11C • MM-11U • MM-22 • MM-22U • MM-40 • MM-60 (ALL w/ phototube)
<b>SZ</b> C-Mount Requires Mini TV Tube. See Page 23	<b>50</b> (0.50X) 1/2" camera, 8mm diag.	<b>D</b>	<b>UPRIGHT</b> • Alphaphot-2 • Eclipse Series (requires YF-Tube 92306) • Labophot-2 • Optiphot-2 • Optiphot 100S, 150, 200, 300 (ALL insert into 38mm ISO photoport)
	<b>67</b> (0.67X) 1/2" camera, 11mm diag.		<b>INVERTED</b> • Diaphot 300/200 • TS100-F • TE2000 (ALL insert into 38mm ISO photoport)
<b>SZ</b> C-Mount Requires Mini TV Tube. See Page 23	<b>67</b> (0.67X) 1/2" camera, 11mm diag.	<b>H</b>	<b>METALLURGICAL</b> • Epiphot 300/200 (inserts into 38mm ISO photoport)
	<b>16</b> (1.6X) 28mm diag.		<b>STEREO</b> • SMZ-10A • SMZ-U • SMZ-800,-1000,-1500 (ALL insert into 38mm ISO photoport)
<b>SZ</b> C-Mount Requires Mini TV Tube. See Page 23	<b>67</b> (0.67X) 1/2" camera, 11mm diag.	<b>J</b>	<b>MEASURING</b> • MM-40 • MM-60 (BOTH insert into 38mm ISO photoport)
	<b>16</b> (1.6X) 28mm diag.		<b>UPRIGHT</b> • Eclipse Series (w/ phototube #92021 for 30mm photo eyepiece)
<b>SZ</b> C-Mount Requires Mini TV Tube. See Page 23	<b>67</b> (0.67X) 1/2" camera, 11mm diag.	<b>K</b>	<b>STEREO</b> • SMZ-800 (w/ phototube #92021 for 30mm photo eyepiece)
	<b>16</b> (1.6X) 28mm diag.		<b>UPRIGHT</b> • AX Series • BX Series • BX2 Series • CX Series • CX2 Series • MX Series (ALL w/ U-SPT phototube) • BH-2 Series (BH-5, BH-T, BH-TU, BH-M) • Vanox (w/ AH2-ADF for new Vanox)
<b>SZ</b> C-Mount Requires Mini TV Tube. See Page 23	<b>67</b> (0.67X) 1/2" camera, 11mm diag.	<b>L</b>	<b>INVERTED</b> • IMT-2 (w/ sideport or trinoc head) • IX Series (w/ U-SPT phototube for sideport or trinocular port)
	<b>16</b> (1.6X) 28mm diag.		<b>STEREO</b> • SZ Series (fits SZ-TRU phototube) • SZH Series • SZX Series (BOTH w/ U-SPT phototube)
<b>SZ</b> C-Mount Requires Mini TV Tube. See Page 23	<b>67</b> (0.67X) 1/2" camera, 11mm diag.	<b>J</b>	<b>UPRIGHT</b> • BH Series • CH Series (BOTH w/ 25mm phototube)
	<b>16</b> (1.6X) 28mm diag.		<b>INVERTED</b> • CK Series (w/ 25mm phototube)
<b>SZ</b> C-Mount Requires Mini TV Tube. See Page 23	<b>67</b> (0.67X) 1/2" camera, 11mm diag.	<b>K</b>	<b>STEREO</b> • SZIII-TR Series • XTR Series (BOTH w/ 25mm phototube)
	<b>16</b> (1.6X) 28mm diag.		<b>UPRIGHT</b> • AX Provis Series • BX Series • BX2 Series • CX Series • CX2 Series • MX Series (ALL w/ U-SPT phototube removed) • BX U-DPT Double Port (back port only, front port uses "H" Clamp) • SZX Series (w/ U-SPT phototube removed)
<b>SZ</b> C-Mount Requires Mini TV Tube. See Page 23	<b>67</b> (0.67X) 1/2" camera, 11mm diag.	<b>L</b>	<b>UPRIGHT</b> • old Standard Trinoc (w/ 25mm o.d. phototube [Zeiss #s 473026; 473028; 473029]) • new Standard Trinoc (Zeiss # 452903)
	<b>16</b> (1.6X) 28mm diag.		<b>INVERTED</b> • IM Series (w/ 25mm o.d., 23.2mm i.d. phototube)
<b>SZ</b> C-Mount Requires Mini TV Tube. See Page 23	<b>67</b> (0.67X) 1/2" camera, 11mm diag.	<b>J</b>	<b>UPRIGHT</b> • Axiolab • Axiophot-2 • Axioplan-2 • Axioskop-2 • Axiostar • Axiotech • STD 25 ICS • KF2 ICS • New Standard Trinocular Tube (Zeiss # 452902)
	<b>16</b> (1.6X) 28mm diag.		<b>INVERTED</b> • Axiovert models: 100, 135, 135M, 200 (ALL non-compatible w/ 0.38X mag. Couplers) • IM Series (w/ new Standard Trinoc Tube [Zeiss # 452902])
<b>SZ</b> C-Mount Requires Mini TV Tube. See Page 23	<b>67</b> (0.67X) 1/2" camera, 11mm diag.	<b>K</b>	<b>STEREO</b> • Stemi DRC (w/ 455005 phototube) • Stemi 2000-C • Stemi 2000-CS • SV6 • SV11
	<b>16</b> (1.6X) 28mm diag.		<b>UPRIGHT</b> • Axiophot • Axioplan • Axioskop • Axiotron
<b>SZ</b> C-Mount Requires Mini TV Tube. See Page 23	<b>67</b> (0.67X) 1/2" camera, 11mm diag.	<b>L</b>	<b>INVERTED</b> • Axiovert 10 • Axiovert 35 • Axiovert 35M • Axiovert 405M
	<b>16</b> (1.6X) 28mm diag.		

## How To Use The Model Makers

1 Indicate your desired 2-letter Camera Mount Type from column #1. 2 Indicate the desired 2-digit Magnification Factor from column #2. 3 Indicate your 1-letter Microscope Brand from column #3. 4 Indicate your 1-letter Microscope Model from column #4.

**QIOPTIQ**  
 Optics with Intelligence

**QIOPTIQ IMAGING SOLUTIONS**  
 78 Schuyler Baldwin Drive, Fairport, NY, 14450  
 Tel: (585) 223-2370 Fax: (585) 223-3413  
[www.qioptiqimaging.com](http://www.qioptiqimaging.com)

