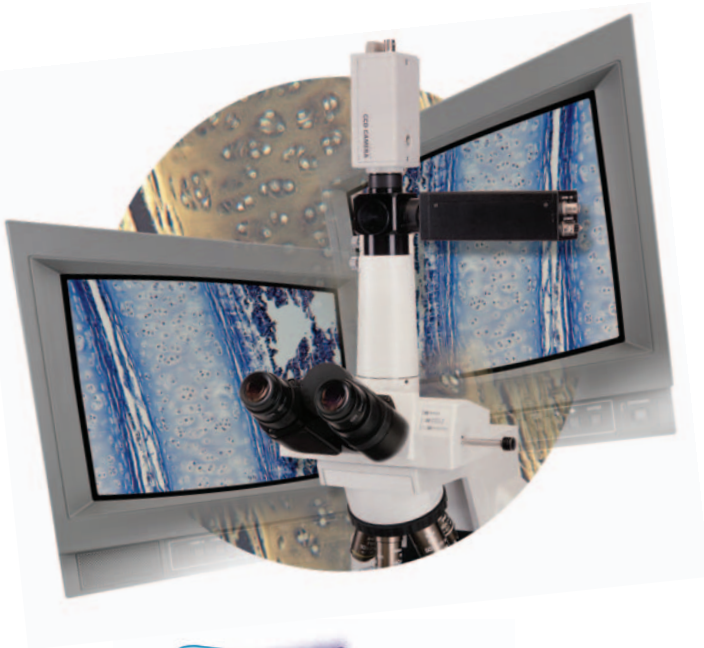


Multi-Port Camera Couplers



Optem® Multi-Port Video Couplers present the perfect solution when your application requires more than one image port. Multi-Port Couplers allow you to integrate two video cameras onto your microscope simultaneously. This eliminates the hassle of changing out one camera for another, thus increasing your imaging productivity. Multi-Port Couplers also eliminate the need for expensive microscope heads with multiple photoports (i.e., Quad Heads).

There are essentially two types of Optem Multi-Port Couplers to choose from... a variety of video/video (which incorporate two C-mount video cameras)... and one video/photo coupler (which accepts one C-mount video camera and one phototube). In both cases, you have several magnification factors to choose from, assuring maximum imaging flexibility.

**NOW
PURCHASE
ONLINE!**



*Your quality
microscopy
connection!*

Light Distribution Flexibility

Available with light distributions of 50/50, 70/30 and 100/100 to best suit the light-intensity requirements of your application.

Camera Compatibility

Available in C-mount configuration for video cameras, and Nikon or Olympus 35mm Photoport compatibility.



TECHNICAL NOTES:

- All horizontal ports yield mirrored images
- Results using Multi-Port Couplers may vary depending upon the position of the exit pupil for a given microscope. If the exit pupil does not match up with the relay lens optics, vignetting may occur.

High-Resolution Imaging

Innovative engineering and precision optics combine to provide high-contrast flat-field images.

Magnification Options

Available in 0.38X, 0.50X, and 1.0X magnification factors to provide field-of-view and resolution flexibility.

MULTI-PORT CAMERA COUPLERS

MODEL MAKER

Mount Type
Column
1

Mag. Factor
Column
2

Scope Brand
Column
3

Scope Model
Column
4

MH
100% Horiz.
both C-Mount

38
(0.38X)
1/3" camera,
6mm diag.

50
(0.50X)
1/2" camera,
8mm diag.

10
(1.0X)
1" camera,
16mm diag.

MV
100% Horiz.
100% Vert.
both C-Mount

38
(0.38X)
1/3" camera,
6mm diag.

50
(0.50X)
1/2" camera,
8mm diag.

10
(1.0X)
1" camera,
16mm diag.

MJ
50% Horiz.
50% Vert.
both C-Mount

38
(0.38X)
1/3" camera,
6mm diag.

50
(0.50X)
1/2" camera,
8mm diag.

10
(1.0X)
1" camera,
16mm diag.

ME
30% Horiz.
70% Vert.
both C-Mount

38
(0.38X)
1/3" camera,
6mm diag.

50
(0.50X)
1/2" camera,
8mm diag.

10
(1.0X)
1" camera,
16mm diag.

MD
100% Horiz.
C-Mount
100% Vert.
Phototube
(for Nikon Olympus only)

38
(0.38X)
1/3" camera,
6mm diag.

50
(0.50X)
1/2" camera,
8mm diag.

10
(1.0X)
1" camera,
16mm diag.

L
LEICA
(Leitz, Wild,
Bausch & Lomb)

1 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)

LEICA STEREO • MS5 • MZ6 • MZ8 • MZ12 • MZAP0 (ALL w/ 37mm photoport) • GZ6 (w/ Phototube #13410309)

2 LEICA COMPOUND • DM L Series • DM R Series • DM IR Series • DM IL Series (ALL HC Optics Series)

LEICA INVERTED • DMIL (inserts into 38mm ISO photoport)

LEICA STEREO • MS5 • MZ6 • MZ8 • MZ12 • MZAP0 (ALL insert into 38mm ISO photoport) • GZ6 (w/ Phototube #13410302)

LEITZ UPRIGHT • Aristomet • Aristoplan • Dialux • Diaplan • Ergolux • Laborlux • Metallux • Ortholux • Orthoplan (ALL insert into 38mm ISO photoport)

3 LEITZ INVERTED • Diavert • Fluovert • Labovert • Metallovert (ALL insert into 38mm ISO photoport)

WILD STEREO • M3 • M5 • M7 • M8 • M10 (ALL insert into 38mm ISO photoport)

WILD MACROSCOPE • M420 (inserts into 38mm ISO photoport)

N
NIKON

3 UPRIGHT • Alphaphot-2 • Eclipse Series (requires YF-Tube 92306) • Labophot-2 • Optiphot-2 • Optiphot 100S, 150, 200, 300 (ALL insert into 38mm ISO photoport)

INVERTED • Diaphot 300/200 • TS100-F • TE2000 (ALL insert into 38mm ISO photoport)

METALLURGICAL • Epiphot 300/200 (inserts into 38mm ISO photoport)

STEREO • SMZ-10A • SMZ-U • SMZ-800,-1000,-1500 (ALL insert into 38mm ISO photoport)

MEASURING • MM-40 • MM-60 (BOTH insert into 38mm ISO photoport)

4 UPRIGHT • Alphaphot-2 • Eclipse Series (w/ phototube #92021 for 30mm photo eyepiece) • Labophot-2 • Optiphot-2 (ALL w/ phototube) • Multi-image module • Microphot (w/ Nikon phototube #79429)

INVERTED • Diaphot 300/200 (w/ side port phototube) • Diaphot TMD • Epiphot TME • TMS-F

STEREO • SMZ-U (w/ phototube) • SMZ-10A (w/ phototube) • SMZ-2T • SMZ-800 (w/ phototube #92021 for 30mm photo eyepiece)

MEASURING • MM-11C • MM-11U • MM-22 • MM-22U • MM-40 • MM-60 (ALL w/ phototube)

O
OLYMPUS

5 UPRIGHT • AX Series • BX Series • BX2 Series • CX Series • CX2 Series • MX Series (ALL w/ U-SPT phototube) • BH-2 Series (BHS, BHT, BHTU, BHM) • Vanox (w/ AH2-ADF for new Vanox)

INVERTED • IMT-2 (w/ sideport or trinoc head) • IX Series (w/ IX-SPT phototube for sideport or trinocular port)

STEREO • SZ Series (fits SZ-TRU phototube) • SZH Series • SZX Series (BOTH w/ U-SPT phototube)

Z
ZEISS

6 UPRIGHT • Axiophot • Axioplan • Axioskop • Axiotron

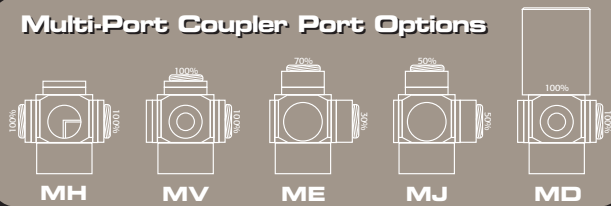
INVERTED • Axiovert models: 10, 35, 35M, 405M

7 UPRIGHT • Axiolab • Axiophot-2 • Axioplan-2 • Axioskop-2 • Axiostar • Axiotech • STD 25 ICS • KF2 ICS • New Standard Trinocular Tube (Zeiss # 452902)

INVERTED • Axiovert models: 100, 135, 135M, 200 (ALL non-compatible w/ 0.38X mag. Couplers) • IM Series (w/ new Standard Trinoc Tube [Zeiss # 452902])

STEREO • Stermi DRC (w/ 455005 phototube) • Stermi 2000-C • Stermi 2000-CS • SV6 • SV11

Multi-Port Coupler Port Options



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-digit Microscope Model from column #4.

Mount Type Mag. Factor

Scope Brand Scope Model