

Large-Format Direct Camera Couplers



Optem® Large-Format Direct Couplers are specifically engineered to provide the necessary magnification to cover the larger chip-diagonals of today's high-end SLR, CCD and Line-scan cameras.

Large-Format Couplers offer the simplicity and lower profile of our conventional Direct Coupler line, but allow microscopists to take full advantage of state-of-the art cameras available today in support of their growing research needs. These Couplers are available in 1.3X and 1.9X magnifications to cover camera-chip diagonals up to 37mm.

With Large-Format Direct Couplers, you will enjoy the same mounting versatility and brand/model compatibility offered by the Direct Coupler Line, except for minor restrictions with 1.3X models*. *(See Asterisk note on reverse chart)*

Versatile Connectivity

Available in C-mount, F-mount, and a variety of bayonet configurations to fit a wide variety of large-format cameras. Contact Qioptiq Imaging Solutions for fast and effective custom mounting solutions.



Image Quality

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

Magnification Options

Available in 1.3X (for camera chip diagonals up to 28mm) and 1.9X (diagonals up to 37mm), to provide sufficient magnification to cover today's large-format CCD and Line-scan cameras.



*Your quality
microscopy
connection!*

QIOPTIQ IMAGING SOLUTIONS
www.qioptiqimaging.com

LARGE-FORMAT CAMERA COUPLERS

MODEL MAKER

Mount Type
Column
1

Mag. Factor
Column
2

Scope Brand
Column
3

Scope Model
Column
4

DC
"C" MOUNT

13*
(1.3X)
covers 28mm
chip diag

19
(1.9X)
covers 37mm
chip diag

DS
SONY
1/2" Bayonet

13*
(1.3X)
covers 28mm
chip diag

19
(1.9X)
covers 37mm
chip diag

DH
1/2" Bayonet
All but SONY

13*
(1.3X)
covers 28mm
chip diag

19
(1.9X)
covers 37mm
chip diag

DB
2/3" Bayonet
(ENG)

13*
(1.3X)
covers 28mm
chip diag

19
(1.9X)
covers 37mm
chip diag

DE
EOS Bayonet

13*
(1.3X)
covers 28mm
chip diag

19
(1.9X)
covers 37mm
chip diag

DF
F-Mount

13*
(1.3X)
covers 28mm
chip diag

19
(1.9X)
covers 37mm
chip diag

L
LEICA
(Leitz, Wild,
Bausch & Lomb)

N

P

R*

S*

Y*

M
MITUTOYO

T*

N
NIKON

N

O
OLYMPUS

U

W

Z
ZEISS

M

Z*

O

LEICA INVERTED • DMIL (inserts into 38mm ISO photopart)
LEICA STEREO • MS5 • MZ6 • MZ8 • MZ12 • MZAP0 (ALL insert into 38mm ISO photopart)
• GZ6 (w/Phototube #13410302)
LEITZ UPRIGHT • Aristomet • Aristoplan • Dialux • Diaplan • Ergolux • Laborlux
• Metallux • Ortholux • Orthoplan (ALL insert into 38mm ISO photopart)
LEITZ INVERTED • Diavert • Fluovert • Labovert • Metallovert (ALL insert into 38mm ISO photopart)
WILD STEREO • M3 • M5 • M7 • M8 • M10 (ALL insert into 38mm ISO photopart)
WILD MACROSCOPE • M420 (inserts into 38mm ISO photopart)

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 photopart,
ALL Delta Optics Series with 37mm photopart)

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

LEICA/B&L UPRIGHT • Balplan • Microzoom
LEICA/B&L STEREO • SZ-6 • StereoZoom 6

LEICA/B&L STEREO • SZ-7 • StereoZoom 7 (w/ Slip-in part)

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

UPRIGHT • Finescope 60

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

INVERTED • Diaphot 300/200 • TS100-F (ALL insert into 38mm ISO photopart and are incompatible
with 0.38X and 0.5X mag. couplers) • TE2000* (compatible with 1.9X Couplers ONLY)

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

STEREO • SMZ-10A (0.67X and 1.0X only) • SMZ-U • SMZ-800 • SMZ-1000
• SMZ-1500 (ALL insert into 38mm ISO photopart)

MEASURING • MM-40 • MM-60 (both insert into 38mm ISO photopart)

UPRIGHT • 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" Bottom Clamp from Standard Series, See Page 10)

STEREO • SZX Series (ALL w/ U SPT phototube removed)

INVERTED • IX Series (sideport or trinocular head [U TR30H])

UPRIGHT • Axiophot • Axioplan • Axioskop • Axiotron

INVERTED • Axiovert 10 • Axiovert 35 • Axiovert 35M • Axiovert 405M

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

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

STEREO • Stemi DRC (w/ 45 005 phototube) • Stemi 2000-C • Stemi 2000-CS
• SV6 • SV11

UPRIGHT • Axiomat • Photomicroscope II & III • UEM • Ultraphot IIIB
• Universal (replaces phototube in ALL models)

* "R", "S", "Y" and "T"
model microscopes are
NOT compatible with
1.3X Large Format
Direct Video Couplers

* "Z" Model
Microscopes are NOT
compatible with 1.3X
Large Format Direct
Video Couplers

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.

Mount Type Mag. Factor

Scope Brand Scope Model