

## LARGE-FORMAT DIRECT VIDEO COUPLERS



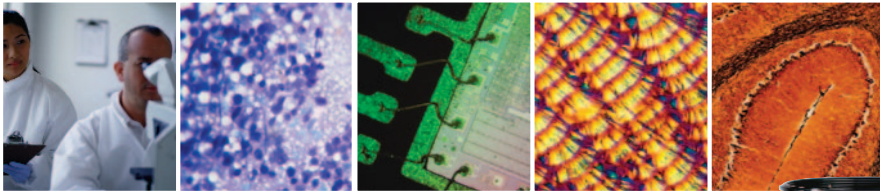
A recent addition to the Optem™ Video Coupler line, the Large-Format Direct Couplers deliver the necessary magnification to cover the larger chip diagonals of today's high-resolution CCD and line-scan cameras.

Large-Format Couplers offer the same simplicity and low profile of the Optem Direct Coupler line, but are designed to allow researchers to take full advantage of today's high-megapixel digital cameras. They 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)

**Make your connection today! Contact Thales Optem for more information on the many Optem™ Video Coupler lines for other specialty cameras and microscopes.**

Download the comprehensive Optem Video Coupler Brochure at [www.thales-optem.de](http://www.thales-optem.de)



### Versatile Connectivity

Available in C-mount, F-mount, and a variety of bayonet configurations to fit a wide variety of large-format cameras. Contact Thales Optem 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.

# LARGE-FORMAT 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)

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

**M**  
MITUTOYO

**N**  
NIKON

**O**  
OLYMPUS

**Z**  
ZEISS

**N**

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)  
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)

**P**

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)

**R\*** LEICA/B&L UPRIGHT • Balplan • Microzoom  
**S\*** LEICA/B&L STEREO • SZ-6 • StereoZoom 6

**S\*** LEICA/B&L STEREO • SZ-7 • StereoZoom 7 (w/ Slip-in port)

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

**T\*** UPRIGHT • Finescope 60

**N**

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 and are incompatible with 0.38X and 0.5X mag. couplers)  
METALLURGICAL • Epiphot 300/200 (inserts into 38mm ISO photoport)  
STEREO • SMZ-10A (0.67X and 1.0X only) • SMZ-U • SMZ-800 • SMZ-1000 • SMZ-1500 (ALL insert into 38mm ISO photoport)  
MEASURING • MM-40 • MM-60 (both insert into 38mm ISO photoport)

**U** 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)  
**W** STEREO • SZX Series (ALL w/ U-SPT phototube removed)  
INVERTED • IX Series (sideport or trinocular head [U-TR30H])

**M**

UPRIGHT • Axiophot • Axioplan • Axioskop • Axiotron  
INVERTED • Axiovert 10 • Axiovert 35 • Axiovert 35M • Axiovert 405M

**Z\***

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/ 455005 phototube) • Stemi 2000-C • Stemi 2000-CS • SV6 • SV11

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

If you are unable to locate your microscope brand or model above, contact Thales Optem for a quick and cost-effective custom solution

## Specifying Your Coupler

- 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

**THALES**

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