

BCN series C-mount Adapters for Trinocular Tube of Olympus, Zeiss, Leica, Nikon Microscope

A. BCN-Olympus TV Adapter

Feature

1. Convert the Olympus trinocular microscope phototube/head/port (have standard 35 mm outer diameter for the insertion end to phototube) to traditional C-Mount type(25.4 mm or 1 inch diameter with 32 threads per inch);
2. With different built-in reduction lens (1.2X, 1X, 0.8X, 0.63X, 0.5X, 0.35X) for achieving better field of view from microscope trinocular head(suitable for 4/3" 1", 2/3", 1/1.8", 1/2", 1/2.5", 1/3" or 1/4" inch CCD or CMOS sensor chips);
3. Can be installed in UIS trinocular tube such as : BX series, BX2 series, CX series, CX2 series, MX series;
4. Build of material: anodized aluminum;
5. Telecentric optics with low light deficiency;
6. Parfocal with different microscope objective lenses;
7. Diffraction limited MTF;
8. Aperture totally coupled with UIS microscope objective's exit pupil.

Specifications

Model	Photo	Magnification	Sensor Size	Mount Type
BCN-Olympus 1.2X		1.2X	4/3", 1"	T2-Mount
BCN-Olympus 1.0X		1.0X	1", 2/3"	C-Mount

BCN-Olympus 0.8X		0.80X	1", 2/3"	C-Mount
BCN-Olympus 0.63X		0.63X	2/3", 1/1.8", 1/2"	C-Mount
BCN-Olympus 0.5X		0.50X	1/1.8", 1/2", 1/2.5"	C-Mount
BCN-Olympus 0.4X		0.40X	1/2.5", 1/3", 1/4"	C-Mount
BCN-Olympus 0.35X		0.35X	1/3", 1/4", 1/5"	C-Mount
Supported Microscope	Specially designed for Olympus CX, BX, MX, STM, SZX, IX, GX(GX41) series microscopes			

B. BCN-Zeiss TV Adapter

Feature

1. Convert the Zeiss trinocular microscope phototube/head/port (have standard ISO 30 mm(1.18 inch) outer diameter for the insertion end to phototube) to traditional C-Mount type(25.4 mm or 1 inch diameter with 32 threads per inch);
2. With different built-in reduction lens (1.2X, 1X, 0.8X, 0.65X, 0.5X, 0.35X) for achieving better field of view from microscope trinocular head(suitable for 4/3" 1", 2/3", 1/1.8", 1/2", 1/2.5", 1/3" or 1/4" inch CCD or CMOS sensor chips);
3. Can be installed in Zeiss UIS trinocular tube such as: Zeiss PrimoStar series and Zeiss Primo vert series;
4. Build of material: anodized aluminum;
5. Telecentric optics with low light deficiency;
6. Parfocal with different microscope objective lenses;
7. Diffraction limited MTF;
8. Aperture totally coupled with UIS microscope objective's exit pupil.

Specification

Model	Photo	Magnification	Sensor Size	Mount Type
BCN-Zeiss 1.2X		1.2X	1", 4/3"	T2-Mount
BCN-Zeiss 1.0X		1.0X	1", 2/3"	C-Mount
BCN-Zeiss 0.8X		0.8X	1", 2/3"	C-Mount
BCN-Zeiss 0.65X		0.65X	2/3", 1/1.8", 1/2"	C-Mount
BCN-Zeiss 0.5X		0.5X	1/1.8", 1/2", 1/2.5"	C-Mount
BCN-Zeiss 0.35X		0.35X	1/3", 1/4", 1/5"	C-Mount
Supported Microscope	Specially designed for Zeiss Primo Star series, Zeiss Primo vert series			

C. BCN2-Zeiss TV Adapter

Feature

1. Convert the Zeiss trinocular microscope phototube/head/port (have standard ISO 30 mm(1.18 inch) outer diameter for the insertion end to phototube) to traditional C-Mount type(25.4 mm or 1 inch diameter with 32

threads per inch);

2. With different built-in reduction lens (1.2X, 1X, 0.8X, 0.65X, 0.5X) for achieving better field of view from microscope trinocular head (suitable for 4/3" 1", 2/3", 1/1.8", 1/2", 1/2.5" inch CCD or CMOS sensor chips);

3. Can be installed in Zeiss UIS trinocular tube such as Axio series microscope;

4. Build of material: anodized aluminum;

5. Telecentric optics with low light deficiency;

6. Parfocal with different microscope objective lenses;

7. Diffraction limited MTF;

8. Aperture totally coupled with UIS microscope objective's exit pupil.

Specifications

Model	Photo	Magnification	Sensor Size	Mount Type
BCN2-Zeiss 1.2X		1.20X	1", 4/3"	T2-Mount
BCN2-Zeiss 1.0X		1.0X	1", 2/3"	C-Mount
BCN2-Zeiss 0.8X		0.80X	1", 2/3"	C-Mount
BCN2-Zeiss 0.63X		0.63X	2/3", 1/1.8", 1/2"	C-Mount

BCN2-Zeiss 0.5X		0.50X	1/1.8", 1/2", 1/2.5"	C-Mount
Supported Microscope	Axio Examiner.A1; Axio Examiner.D1; Axio Examiner.Z1; Axio Imager Vario; Axio Imager.A1; Axio Imager.A1m; Axio Imager.A2; Axio Imager.A2m; Axio Imager.D1; Axio Imager.D1 for epi-fluorescence with ApoTome equipment; Axio Imager.D1m; Axio Imager.D2; Axio Imager.D2m; Axio Imager.M1 (Axio Imager.M1 for KS ELISPOT); Axio Imager.M1m; Axio Imager.M2; Axio Imager.M2m; Axio Imager.Z1; Axio Imager.Z1 + ApoTome; Axio Imager.Z1m; Axio Imager.Z2; Axio Imager.Z2m; Axio Lab.A1; Axio Lab.A1 FL-LED; Axio Lab.A1 MAT; Axio Lab.A1 Pol; Axio Observer.A1; Axio Observer.A1 Entry; Axio Observer.D1; Axio Observer.D1 Entry; Axio Observer.D1 Mid Range; Axio Observer.Z1; Axio Observer.Z1 High End; Axio Scope.A1; Axio Scope.A1 Pol; Axio Scope.A1 Vario; Axio Vert.A1; Axio Vert.A1 FL; Axio Vert.A1 FL-LED; Axio Vert.A1 MAT; Axio Zoom.V16; PALM CombiSystem Rel. 4.2; PALM MicroBeam; PALM MicroBeam Rel.4.2; PALM MicroTweezers Rel.4.2; Stemi 508 doc; Stemi 508 trino; SteREO Discovery.V12; SteREO Discovery.V8; SteREO Lumar.V12;			



The Primo Star and BestScope Camera

D. BCN-Leica TV Adapter

Feature

1. Convert the LEICA trinocular microscope phototube/head/port (have standard 35 mm outer diameter for the insertion end to phototube) to C-Mount type(25.4 mm or 1 inch diameter with 32 threads per inch);
2. With different built-in reduction lens (1.2X, 1X, 0.8X, 0.7X, 0.55X, 0.35X) for achieving better field of view from microscope trinocular head(suitable for 4/3" 1", 2/3", 1/1.8", 1/2", 1/2.5", 1/3" or 1/4" inch CCD or CMOS sensor chips);
3. Can be installed in UIS trinocular tube such as: specially designed for LEICA DM series biology microscopes and industrial microscopes;
4. Build of material: stainless steel material;
5. Telecentric optics with low light deficiency;
6. Parfocal with different microscope objective lenses;
7. Diffraction limited MTF;
8. Aperture totally coupled with LEICA UIS microscope objective's exit pupil.

Specification

Model	Photo	Magnification	Sensor Size	Mount Type
BCN-Leica 1.2X		1.2X	4/3", 1"	T2 Mount
BCN-Leica 1.0X		1.0X	1", 2/3"	C-Mount
BCN-Leica 0.8X		0.8X	1", 2/3"	C-Mount
BCN-Leica 0.7X		0.7X	2/3",1/1.8",1/2"	C-Mount

BCN-Leica 0.55X		0.55X	1/1.8", 1/2", 1/2.5"	C-Mount
BCN-Leica 0.35X		0.35X	1/2.5", 1/3", 1/4"	C-Mount
Supported Microscope	Specially designed for LEICA DM series biology microscopes and industrial microscopes			

E. BCN-Nikon TV Adapter

Characteristic

1. Convert the NIKON trinocular microscope phototube/head/port (have standard 38 mm(1.50 inch) outer diameter for the insertion end to phototube) to traditional C-Mount type(25.4 mm or 1 inch diameter with 32 threads per inch);
2. With different built-in reduction lens (1.2X, 1X, 0.8X, 0.70X, 0.55X, 0.35X) for achieving better field of view from microscope trinocular head(suitable for 4/3" 1", 2/3", 1/1.8", 1/2", 1/2.5", 1/3" or 1/4" inch CCD or CMOS sensor chips);
3. Can be installed in UIS trinocular tube such as : NIKON E100, E200, 50i, 55i, 80i, 90i, Ni series, Ti Series, SMZ800, SMZ1000, SMZ15000 biology microscopes and industrial microscopes;
4. Build of material: stainless steel material for the C-Mount end and spray-painted aluminum for the phototube end ;
5. Telecentric optics with low light deficiency;
6. Parfocal with different microscope objective lenses;
7. Diffraction limited MTF;
8. Aperture totally coupled with UIS microscope objective's exit pupil;

The adapters work for the following microscope series: NIKON microscopes UPRIGHT: Alphaphot-2, Eclipse series (requires YT-tube 92306), Labophot-2, Optiphot-2 Optiphot 100S, 150, 200, 300 Stereo: SMZ-10A, SMZ-U, SMZ-1000, SMZ-1500 METALLURGICAL: EPIPHOT 300/200 MEASURING: MM-40, MM-60 INVERTED: Diaphot 300/200 TS100-F TE2000.

Specification

Model	Photo	Magnification	Sensor Size	Mount Type
BCN-Nikon 1.2X		1.2X	4/3", 1"	T2-Mount
BCN-Nikon 1.0X		1.0X	1", 2/3"	C-Mount
BCN-Nikon 0.8X		0.8X	1", 2/3"	C-Mount
BCN-Nikon 0.7X		0.7X	2/3", 1/1.8", 1/2"	C-Mount
BCN-Nikon 0.55X		0.55X	1/1.8", 1/2", 1/2.5"	C-Mount
BCN-Nikon 0.35X		0.35X	1/2.5", 1/3", 1/4"	C-Mount
Supported Microscope	Specially designed for NIKON E100, E200, 50i, 55i, 80i, 90i, Ni series, Ti Series, SMZ800, SMZ1000, SMZ15000 biology microscopes and industrial microscopes			