

Canon EF Lens to Micro Four Thirds T Smart Adapter



Key Features



Features and Benefits

Electronic

- Autofocus
- Can be powered either by camera body or by third-party external 5V power source (not included)
- Iris/aperture controlled by the camera body
- Smooth iris support with the latest Canon (2009+), Tamron (SP series 2013+) and Sigma (2016+) lenses
- Image stabilization (IS) lens support
- Support for cameras with in-body image stabilization (IBIS), including Panasonic GX7, GX8, GX80/85 and Olympus cameras
- Electronic manual focusing (e.g. EF 85/1.2L II and discontinued EF 50/1.0L)
- EXIF (focal length, aperture, zoom range)
- Distance and zoom display on camcorders (requires lenses supporting distance information)
- Cinema EOS lens support (CN-E 18-80mm T4.4 L), including AF (requires external 5V power through micro USB port), auto iris and servo zoom

Other

- Detachable tripod foot compatible with Arca Swiss, Markins and Photo Clam ball heads.
- The opening is flocked with felt material to reduce internal reflection.
- Compatible with all MFT mount cameras, including GH4, OM-D, Blackmagic Cinema Camera, Blackmagic Pocket Cinema Camera and JVC GY-LS300.
- Supports EF-S lenses.

Limitations

- No video AF for Olympus
- AF may not work if the maximum aperture of the lens plus any EF Extender or other teleconverter attached is smaller than f/8.
- AFC (continuous AF) and AFF (flexible AF) modes are *not* supported, except on Olympus OM-D E-M1.
- Panasonic video AF may hunt more than a native lens or have unsatisfactory performance.
- Some Tamron lenses may have unsatisfactory AF accuracy.
- No support for Focus Stacking and Focus Bracketing on Olympus.
- On Olympus, other than E-M1, you may move the single AF point among any of the 81, but you may not multi-point AF. There is no restriction on E-M1 and Panasonic.
- Very early Olympus models (e.g. E-PL1) have no autofocus support.
- EF-mount lenses are not silent but may make audible click noises during autofocus operation and iris changes which may be picked up by the built-in microphone of the camera. An external microphone is recommended for video.
- Use of Canon Cinema lenses such as CN-E 18-80mm T4.4 L IS KAS S for still photography is not supported.
- Iris changes are in 1/8 stop steps which may be noticeable in video recordings. Programmed exposure mode and shutter priority exposure mode should not be used for video. This limitation does not apply to Cinema EOS lenses which permit fine resolution iris control, such as CN-E 18-80mm T4.4 L IS KAS S.
- No support for in-camera correction such as peripheral shading, CA and distortion

Description

Autofocus with an Optimum Balance of Accuracy, Speed, Consistency and Reliability

Autofocus is supported subject to certain limitations (see table below for details). We are pleased to report that Panasonic Micro Four Thirds camera bodies are capable of autofocusing fast (large maximum aperture) lenses accurately. Although our first and foremost priority is accuracy, we are able to make great strides in autofocus speed as well.

Camera Body Compatibility List

Blackmagic: Micro Cinema Camera (BMMCC), Micro Studio Camera(BMMSC), Pocket Cinema Camera(BMPCC), Pocket Cinema Camera 4K(BMPCC4K)

JVC: GY-LS300

Olympus: E-M1, E-M1 Mark II, E-M5, E-M5 Mark II, E-M10, PEN-F, E-P5, E-PL3

Panasonic: GX1, GX7, GX8, GX80/85, GH1, GH4, GH5, GH5s, G2, G3, G5, G7, GM1, GF3, AF100

Unlisted cameras have not been fully tested for compatibility.

Autofocus Lens Compatibility List

The following table lists lenses which has been tested. Other lenses not listed here typically works well, too.

<u>Accurate</u>	<u>Tested by the community, thanks!</u>	<u>Accurate only on newer cameras such as Panasonic G7, GX8 and GX80/85</u>
Canon CN-E 18-80mm T4.4 Compact-Servo EF** Canon CN-E 70-200mm T4.4 Compact-Servo EF** Canon EF 8-15mm f/4L USM Fisheye* Canon EF-S 17-55mm f/2.8 IS USM Canon EF-S 18-55mm f/3.5-5.6 IS II Canon CN-E 18-80mm T4.4L IS KAS S* (requires external power to autofocus) Canon EF-S 18-135mm f/3.5-5.6 IS Nano USM Canon EF 20-35mm f/3.5-4.5 USM Canon EF 24-105mm f/4L IS USM Canon EF 28-80mm f/3.5-5.6 II Canon EF 35-80mm f/4-5.6 II Canon EF 40mm f/2.8 STM* Canon EF 50mm f/1.2L USM Canon EF 50mm f/1.4 USM Canon EF 50mm f/1.8 STM* Canon EF 70-200mm f/2.8L IS II USM* Canon EF 70-300mm f/4-5.6L IS USM* Canon EF 85mm f/1.2L II USM Canon EF 100mm f/2.8L IS Macro USM* Canon EF 100-400mm f/4.5-5.6L IS USM Canon EF 100-400mm f/4.5-5.6L IS II USM* Canon EF Extender 1.4x III Canon EF Extender 2x Sigma 18-125mm f/3.8-5.6 DC HSM Sigma 24-105mm f/4 Art Tokina AT-X PRO 11-16mm f/2.8 DX II	Canon EF 70-200mm f/2.8L IS USM (Mark I) Canon EF 85mm f/1.2L USM (Mark I) Canon EF 200mm f/2.0L IS USM Canon EF 300mm f/2.8L IS USM (Mark I) Canon EF 400/2.8L IS USM (Mark I)	Canon EF 70-200mm f/4L USM (non-IS) Canon EF 135mm f/2L USM Canon EF 200mm f/2.8L II USM Canon EF 300mm f/4L IS USM Canon EF 400mm f/5.6L USM Sigma 18-35mm f/1.8 DC Art Sigma 50-100mm f/1.8 DC HSM Art 016* Tamron SP 15-30mm f/2.8 VC USD A012* Tamron 18-270mm f/3.5-6.3 VC PZD B008 Tamron SP 45mm f/1.8 VC USD F013*
	<u>Inaccurate</u>	<u>Require external USB power supply owing to high current consumption; AF inaccurate</u>
	Canon EF 28-70mm f/3.5-4.5 II Canon EF 50mm f/1.8 II Canon EF 100mm f/2.8 Macro USM Sigma 50mm f/1.4 EX HSM Tamron 18-250mm f/3.5-6.3 Di II Macro A18 Tamron 18-270mm f/3.5-5.6 Di II VC B003 Tamron SP 24-70mm f/2.8 Di VC USD A007 Tamron 28-300mm f/3.5-6.3 XR Di Macro A06 Tamron SP 70-200mm f/2.8 Di VC USD A009* Tokina AT-X PRO 11-16mm f/2.8 DX (I)	Tamron 28-300mm f/3.5-6.3 XR Di VC A20 Tamron 150-600/5-6.3 VC USD A011*
	<u>Manual focus only</u>	<u>Not supported</u>
	Contax N lenses modified by Conurus Tamron SP 17-50mm f/2.8 VC B005 Zeiss ZE lenses	Focus confirmation "chips"

* with smooth iris support

** CN-E Compact-Servo lens with some of MFT cameras may require external power to autofocus

Note 1: VC function of Tamron 28-300/3.5-6.3 XR Di VC model A20 may not operate, due to usually high current requirement.

Manual Focus Lens Compatibility

Some improperly-made M42 screw mount adapters may short the electronic contacts of the Speed Booster and cause damage to the Speed Booster and/or camera body.

Focus confirmation "chips" such as Dandelion are incompatible.

Many manual focus lenses (e.g. OM 28/2.8, OM 50/1.8, Leica R 15/3.5) have rear protrusions (spikes, levers, other appendages) which would damage the optics and/or housing of Speed Booster. They need to be modified before they can be safely used on Speed Booster. Check and make sure there are no rear protrusions from the adapter/lens combination before using on Speed Booster. Scratches and damages caused by rear protrusions on Speed Booster are not covered by warranty.

List of manual focus lenses which REQUIRE MODIFICATION to be used on Speed Booster

Leica R	Nikon F	Olympus OM	Pentax K
Super-Elmar-R 15mm Elmarit R 28/2.8 Elmarit R 35/2.8 Summicron R 50/2	20/2.8 AI-S	OM 18/3.5 OM 21/2 OM 21/3.5 OM 28/2.8 OM 50/1.8	Every Pentax K-mount lens has a protruding fin and an aperture lever. It does NOT fit.

Remark: Your PayPal receipt is your order confirmation. There is no separate email confirmation until shipment takes place.

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