

EMOLUX

PRO HD Wide Angle Conversion Lens



Features at a Glance

- 0.7x Wide angle magnification
- Increase field of view by 25%
- Superior image sharpness and clarity
- High performance optical system for DSLR lens
- Broadband Multi coating reduces reflection and glare

PRECAUTION

- Lens Care**
 - Dust and dirt can cause irreparable damages to the lens. Always use a blower to remove heavy dust article and use optical cleaning cloth to wipe the lens;
 - Do not use benzene, alcohol, thinner or other similar cleaning agents to clean the lens glass as it may cause irreparable damage to the lens coating;
 - Always use a dry soft cloth to remove dust and dirt on the external housing;

- Do not drop or knock the lens. Always place the lens in the supplied storage case after use;
- This lens is not waterproof. When contacted with water, wipe the lens immediately with a dry cloth;
- To prevent damages to the lens surface, always attach the lens cap after use;
- Always keep the lens in a dry place to prevent fungus and molds from forming.

Flash Usage

- When the conversion lens is attached to the lens, firing off the built in flash may form a strong shadow at the bottom of the pictures. Switch off the flash when conversion lens is used.

- Always remove any lens hood on the lens when the conversion lens is used to prevent any flash blockage.

Vignette

- When used on certain DSLR lens, there is a possibility that the 4 extreme corners of the picture will be darker than the centre. To eliminate the darker corners (vignette) from occurring, use an aperture setting of F8.0.
- When a filter is mounted on the conversion lens, vignette may occur depending on the thickness of the filter frame. To reduce/eliminate this issue, it is recommended to use filter with slim frame (optional).

Condensation (Lens Fogging)

- When the conversion lens is brought directly from a cold place to a hot place, condensation will appear on the lens surface. If left untreated, lens will accumulate dirt/dust on the optical surface which may lead to the forming of mold if left untreated.
- To prevent lens fogging, put the lens in a plastic bag. When the air inside the plastic bag reaches the surrounding temperature, the lens can be taken out for shooting.
- If lens fogging appear, leave the lens to acclimatize to the surrounding temperature for about 1-2 hours. Do not attempt to dismantle the lens to clean the fogging as this might have an adverse effect on the lens focusing.

SUPPLIED ACCESSORIES

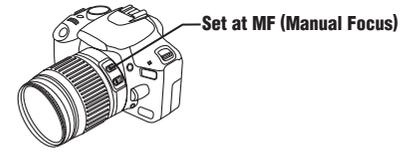
On removing the conversion lens from its box, check and confirm that the lens and supplied accessories did not sustain any form of damages during transportation.



ATTACHING / DETACHING THE LENS

To attach the lens

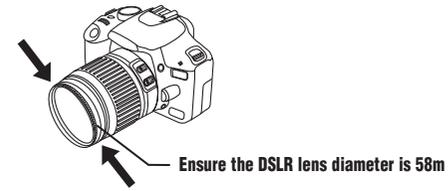
- Ensure that the DSLR lens is set at manual focus (MF);



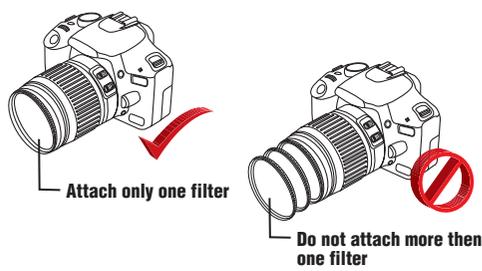
- Remove the rear lens cap from the conversion lens;



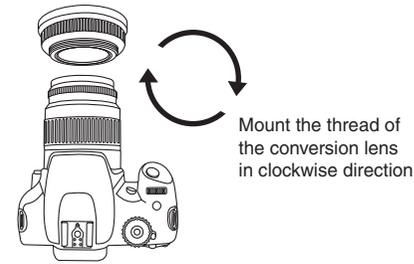
- Check and ensure the DSLR lens diameter is 58mm and remove lens hood (if any) from the lens;



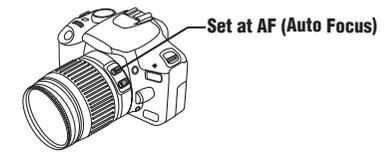
- If there are more than 1 filter attached to the DSLR lens, remove the addition filters, leaving only 1 filter on the DSLR lens;



- Position the DSLR lens facing upwards and rotate the mounting thread of the conversion lens in clockwise direction until it is reasonably secure;



- Set the DSLR lens to Autofocus (AF).



To detach the lens

- Ensure that the DSLR lens is set at manual focus (MF);
- Position the DSLR lens facing upwards and rotate the mounting thread of the conversion lens in anti clockwise direction until it is fully detached from the DSLR lens;
- Cover the rear lens cap on the mounting thread and secure the front lens cap on the 77mm lens thread to prevent unwanted dust or dirt to settle on the surface of the multi coated optical lens

ATTACHING FILTERS

- The front threads allow filter in 77mm screw mount to be fitted in front of the lens. It is recommended to use only one (1) slim filter to prevent the edges from being cut off.

OPERATIONS - IMPORTANT

- Always set the DSLR lens to the maximum wide angle;
- Ensure the optical glass surface of the conversion lens and the surface of the DSLR lens is thoroughly clean before taking any pictures as fingerprint or dust may result in out of focus pictures;
- When the conversion lens is fitted on the DSLR lens, manual focusing (MF) is recommended to prevent strain to the motor of the DSLR lens;
- Set the camera mode to aperture priority (AV) or manual (M) mode. Aperture should be set at F5.6 and above for indoor shooting, F8.0 and above for outdoor shooting;
- When using manual (M) mode, use of tripod is recommended if the shutter speed is set below 1/60 to prevent camera shake and picture blurring;

SPECIFICATIONS

Image Magnification:	0.7x
Maximum Aperture:	F / 5.6 and above
Lens Construction:	2 elements in 2 groups
Lens Compatibility:	f = 28mm
Lens Coating:	Multi Layer Anti Reflection
Coating Bandwidth	Broadband
Dimension:	Approximate 29 x 79mm
Mounting Diameter:	58mm
Filter Diameter:	77mm
Weight:	240g
Supplied Accessories:	Lens storage case, M77 front lens cap, rear lens cap

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