

## **Instructions of ZHONGYI Optics SPEEDENHANCER Adapter**

Caution: We must note that this product can not be applied to all kind of lenses! Please read the instructions carefully.

### **The principle of the SPEEDENHANDER Adapter.**

The Popular Micro-Single-Camera usually has a CMOS which is APS-c format, about 25 X 17mm, while the full-frame camera CMOS is around 36 x 24mm. This makes the Micro-Single-Camera can not get the same perspective as full-frame camera when adapt a full-frame lenses. which is what we usually refer to the focal length multiplied by a conversion factor (typically 1.5). Thus it will affect taking fine pictures. In our newly developed SPEEDENHANCER adapter, we add a set of lenses which is professionally designed and of precision machining between the lens and camera, so that the image field of a full-frame lens can be reduced to 72% of the original, while does not change the perspective of the original lens. Which will make an APS-C-camera getting the same information as a full-frame camera, also get nearly the same shooting effect as the expensive full-frame camera. Besides, due to the reduction of the lens image field, the light is more concentrated, so that you can use a higher shutter speeds at the same aperture.

### **The application method of the SPEEDENHANCER Adapter**

The SPEEDENHANCER adapter can be used to adapt the lens for the SRL camera to the Micro-Single-Camera such as SONY NEX series, Micro 4/3 series and FUJIFILM X-PRO series. It's mainly used in the adaption for the FULL-FRAME LENSES, while it may cause a DARK CORNER Image when adapts an APS-C lens.

Please do not install a lens with a protruding last lens element to the SPEEDENHANCER adapter directly without experiment.

The way of the experiment is as below:

- 1) Keep the bayonet side of the adapter up, put two pieces of lens-cleaning-paper in the bayonet side of the adapter to cover the lens element. Thus makes sure there will be no damage to the lens element during the experiment.
- 2) Turn the manual focusing ring of your lens --you can also try to turn the zoom ring if it's a zoom lens-- to shrink the last lens element inside and keep a distance with the side of bayonet.
- 3) Install the lens to the adapter and then turn the focusing ring or zoom ring lightly. You can use this lens if there is no blocking in the entire process of focusing and zooming. Otherwise it means the last lens elements of both lens and adapter will be touched, thus the lens can not be used.

Please keep the lens and adapter up straight to avoid the lens-cleaning-paper fall down during the whole experiment.

Do not use too much strength if you can not install the lens to the adapter ring. Or it may cause damage to the lens and adapter.

due to the difference of various of optic design in the lens, we can not assure the perfect image effect in every lens after adapt to the SPEEDENHANCER adapter. hope we can gain your understanding.

The lens groups of the adapter has already gotten precisely adjusted before selling, please do not disassemble it yourself. Or it may cause a serious fault. Please send it back to the service provider to repair it if there is something wrong with the adapter.

#### **Install and Remove the SPEEDENHANCER adapter to the camera.**

- 1) Turn the red point on the adapter to the 'OPEN' mark. See picture 1.
- 2) Install the adapter to the camera by match the install point both on adapter and camera, wave the adapter ring lightly to make sure the adapter and camera bayonet is matched as well. See picture 2 and 3.
- 3) Press the front side of the adapter and turn the red point to the 'lock' mark to make the adapter locked on the camera. See picture 4 and 5. Now the installation finish.
- 4) To Remove the adapter, turn the red point of adapter to the 'OPEN' mark, and wave the adapter to remove it. See picture 6.

Caution: Do not remove the adapter by press the release button on the camera, this may cause damage to the lens and camera. we designed a stopper by the release button to avoid mistaken press. See picture 7.

#### **Install and Remove a lens to the SPEEDENHANCER adapter.**

- 1) For the most lenses installing to and removing from the SPEEDEHNANCER adapter, Use the same way as install the lens to a camera body.
- 2) For the FD-Mount lenses, first match the red point of both lens and adapter and make the lens and adapter touched tightly. Then turn the lens to the yellow point to make the bayonet matched as well. Then turn the lens clockwise until it lock on. Please follow this instruction carefully to make sure the aperture work correctly.
- 3) To remove the FD-Mount lenses, use the same way as it is mounted on a camera body.

#### **Storage**

Do not store or use the SPEEDENHANCER adapter in such situations as below:

- 1) Full of smoke or steam, or can be drenched by rain or other water.
- 2) Quite humid or full of dust.
- 3) Extremely hot or cold.
- 4) Chemical medicine with volatility.

## **Maintain**

- 1) Please use the air-blowing to clean the dust of the lens elements instead of the brush.
- 2) Please use the lens-cleaning-paper with high quality or special soft leather to clean the lens elements when there is finger print or oil on them. Please wipe from the center in a rotate way.
- 3) If you are not going to use it for a long time, please put it in a dry and of ventilation place. Keep it far from corrosive gas to avoid the coating damage.

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