

● 12mm T3.1 ED AS NCS FISH-EYE (for Cinema)

Instruction Manual

We believe that this new 12mm T3.1 ED AS NCS FISH-EYE lens for video recording will give you a special photographic experience.

Advantages of 12mm T3.1 ED AS NCS FISH-EYE

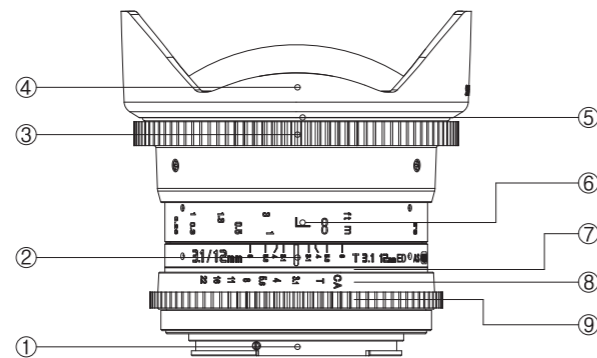
1. The lens can handle the 35mm full frame image size.
2. With its compact size, the lens is easy to carry and it can produce various images in shooting at a long distance or short distance.
3. With an optical design in stereo-scopic projective mode, the lens can express distortion smoothly, thereby producing stable images.
4. It compensates for aberrations by using a low dispersion lens and glass aspherical lens and, at the fully opened position, produces a high resolution and a high contrast at the center of the lens as well as around the periphery.
5. Attachable petal hood for reinforcing the user convenience.
6. NCS (Nano Coating System) for providing high contrast and the best picture quality with extremely low reflection coating.
7. High strength aluminum body with robust durability.
8. Smooth control when a follow focus is attached since the lens is equipped with a gear for the focus and aperture.

The 12mm T3.1 ED AS NCS FISH-EYE lens for video recording is designed with its own mount. You can mount the lens directly onto the camera without using an additional adaptor.

- ※ Please read this instruction manual carefully and use it accordingly.
- ※ Please read the 'Safety Precautions' at the back of this instruction manual prior to use.

1. Component Names

[Figure]



- | | | |
|------------------------|------------------------------------|----------------------------|
| ① Mount (Camera mount) | ② Reference Line of Distance Scale | ③ Focusing Gear |
| ④ Hood | ⑤ Hood Mount Barrel | ⑥ Focus Scale Ring |
| ⑦ Point Ring | ⑧ T Number | ⑨ Aperture Adjustment Gear |

2. Attaching and Detaching

The 12mm T3.1 ED AS NCS FISH-EYE lens mount is uniquely designed for Canon, Nikon(Fujifilm)F, Pentax(Samsung GX)K, Sony(Minolta)a, Canon M, Sony E, Fujifilm X, Samsung NX, Fourthirds, Micro four-thirds compatible cameras.

[Attaching]

Gently hold the lens hood, align the camera mount attachment point with the attachment reference point or line on the lens, push the lens into the camera and gently rotate the lens 90 degrees clockwise from the front view, until it makes a clicking sound.

[Detaching]

Gently hold the lens hood, press the lens release button on the camera, and turn the lens counterclockwise to detach the lens.

3. Focus Adjustment

When using the 12mm T3.1 ED AS NCS FISH-EYE lens, you can set the focus of a subject by turning the focusing gear, since it is an MF (Manual Focus) adjustment lens.

[Nikon (Fujifilm) F / Pentax (Samsung GX) K Mount]

- ① To change the focus from a subject that is far away to a subject that is close, Turn the focusing gear counterclockwise (from ∞ to 0.2) and focus on the clearest subject by using the indicator signal on the camera or by checking visually.
- ② To change the focus from a subject that is close to a subject that is far away, turn the focusing gear clockwise (from 0.2 to ∞) and focus on the clearest subject using the indicator signal on the camera or by checking visually.

[Canon, Canon M/FT,MFT/Fujifilm X/Samsung NX/Sony α , E Mount]

- ① To change the focus from a subject that is far away to a subject that is close, Turn the focusing gear clockwise (from ∞ to 0.2) and focus on the clearest subject by checking visually.
- ② To change the focus from a subject that is close to a subject that is far away, Turn the focusing gear counterclockwise (from 0.2 to ∞) and focus on the clearest subject by checking visually.

4. Brightness Control

Turn the aperture adjustment gear to set the desired brightness for the 12mm T3.1 ED AS NCS FISH-EYE lens.

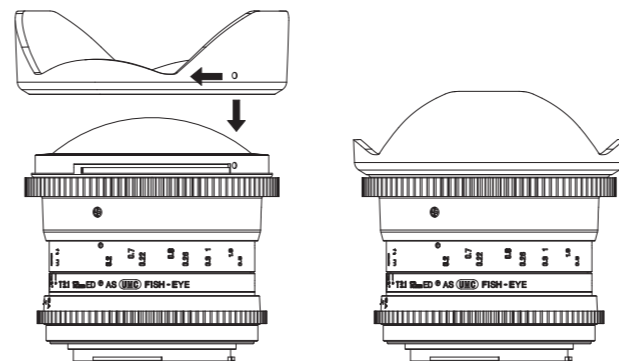
You can set T NO from 3.1 to 22.

(The aperture is not positioned at any exact point, since it is adjustable continuously.)

5. Mounting the Hood

The hood has a bayonet system which guarantees speedy, efficient, safe and precise installation, and enables you to enjoy shooting that is free from ghosting or flaring.

[Figure]



Align the attachment reference point on the hood with the reference point for a hood on the lens, push the hood onto the lens and turn the hood clockwise until it makes a clicking sound.

6. Camera Settings

Some cameras require special settings when using this lens.

○ Canon Mount

- 1) Record a video in Av, Tv, P, CA, \square or M mode.
- 2) Please note that while recording a video the shutter speed is limited to a minimum of 1/30.

(The procedures above are for the 5D MARKII. The settings for the camera or the menu may vary based on the camera model or due to a functional upgrade. Refer to the camera manual or contact the camera manufacturer for detailed information.)

○ Nikon Mount

Please refer to the following and set the camera when necessary.

- 1) Record a video in M or A mode.
- 2) Adjust the exposure using the dial steps +5 to -5.

(The procedures above are for the D7000. The settings for the camera or the menu may vary based on the camera model or due to a functional upgrade. Refer to the camera manual or contact the camera manufacturer for detailed information.)

○ Pentax K Mount

- 1) Record a video in \square mode.
- 2) Please note that while recording a video the shutter speed is limited to a minimum of 1/30.

(The procedures above are for the K-30. The settings for the camera or the menu may vary based on the camera model or due to a functional upgrade. Refer to the camera manual or contact the camera manufacturer for detailed information.)

○ Sony α Mount

- 1) Record a video in A, S, P or M mode.

(The procedures above are for the A580. The settings for the camera or the menu may vary based on the camera model or due to a functional upgrade. Refer to the camera manual or contact the camera manufacturer for detailed information.)

○ Canon M Mount

- 1) Record a video in Av, Tv, P, CA or M mode.
- 2) Please note that while recording a video the shutter speed is limited to a minimum of 1/30.

(The procedures above are for the Canon M. The settings for the camera or the menu may vary based on the camera model or due to a functional upgrade. Refer to the camera manual or contact the camera manufacturer for detailed information.)

○ Fujifilm Mount

- 1) Record a video in \square mode.

(The procedures above are for the X-Pro1. The settings for the camera or the menu may vary based on the camera model or due to a functional upgrade. Refer to the camera manual or contact the camera manufacturer for detailed information.)

○ Sony E Mount

- 1) Record a video in A, S, P or M mode.
- 2) Adjust the exposure by rotating the dial at the back of the camera.

(The procedures above are for the NEX-5. The settings for the camera or the menu may vary based on the camera model or due to a functional upgrade. Refer to the camera manual or contact the camera manufacturer for detailed information.)

