

● 20mm T1.9 ED AS UMC (for Cinema)

Instruction Manual

We believe that this new 20mm T1.9 ED AS UMC lens for video recording will give you a special photographic experience.

The 20mm T1.9 ED AS UMC lens uses extra low dispersion and aspherical lens elements plus UMC coating for incredible edge-to-face sharpness.

Advantage of the 20mm T1.9 ED AS UMC

1. Optical design optimized for cameras with a Full Frame image sensor.
2. Uses Extra Low Dispersion and Aspherical lens elements for outstanding optical performance.
3. 7 aperture blades provide a circular aperture for a pleasing bokeh.
4. The hood and UMC(Ultra Multi Coating) design suppresses flaring and ghosting.
5. Robust durability with a high strength aluminum alloy body.
6. Smooth control when a follow focus device is attached due to the built-in gearing for focus and aperture.
7. Close-focus distance of 0.2m offers maximum flexibility when selecting subject-matter.

The 20mm T1.9 ED AS UMC lens is designed to fit specific camera mounts.

Read this manual carefully to ensure correct operation with your camera.

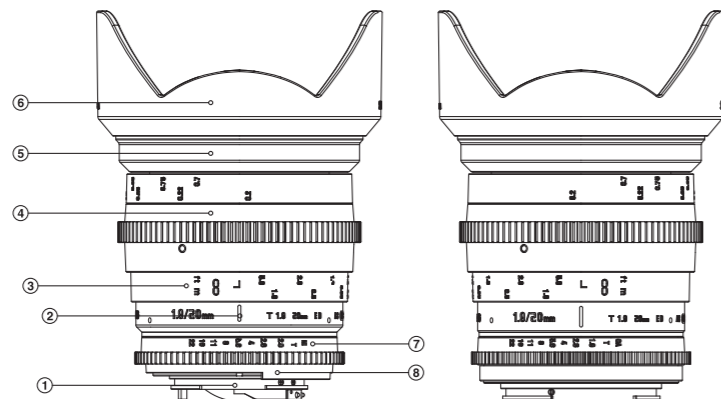
※ Please read this instruction manual carefully and use it accordingly.

※ Please read the 'Safety Precautions' at the back of this instruction manual prior to use.

● Please read this instruction manual prior to use. ●

1. Component Names

[Figure]



- | | | |
|-------------------------------|--------------------------------|---------------------------------|
| ① Mount (camera locking area) | ② Gear for aperture adjustment | ③ Distance scale indicator mark |
| ④ Focus Scale | ⑤ Gear for focus adjustment | ⑥ Hood locking tube |
| ⑦ Hood | ⑧ T number | |

2. Attaching and Detaching

The 20mm T1.9 ED AS UMC lens mount is uniquely designed for Canon, Nikon (Fujifilm) F, Pentax (Samsung GX) K, Sony (Minolta) α, Cannon M, Sony E, Fujifilm X, Samsung NX, Four-thirds and Micro four-thirds 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 20mm T1.9 ED AS UMC lens, you can set the focus of a subject by turning the focus adjustment gear, since it is an MF (Manual Focus) adjustment lens.

[Nikon, Pentax 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, Sony α, Cannon M, Sony E, Fujifilm X, Samsung NX, FT, MFT 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

You can set the brightness you want by turning the aperture adjustment gear when using the 20mm T1.9 ED AS UMC lens.

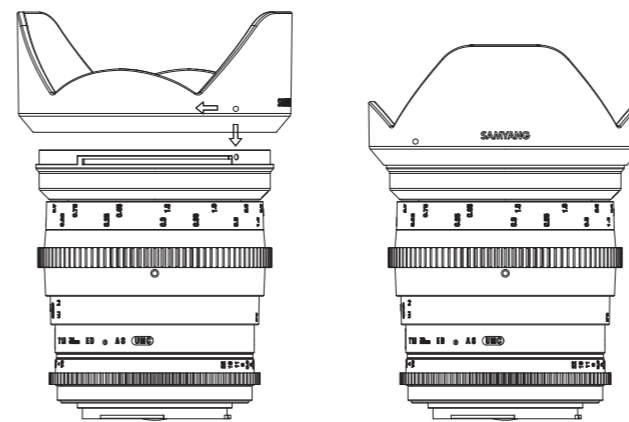
You can set T NO from 1.9 to 22.

(The aperture is a stepless control type, so it does not stop exactly.)

5. Mounting the Hood

The hood 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, □ 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 □ 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 Cannon 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 X Mount

- 1) Record a video in □ 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.)

