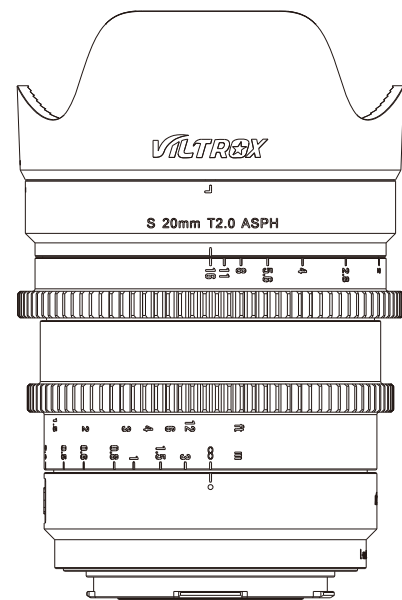




20mm / T2.0

FULL-FRAME PRIME LENS

L-Mount



Thank you for choosing Viltrox Lens !

Before mounting the lens onto your camera, please read this manual carefully so as to understand and use all the functions of the Lens.



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Function

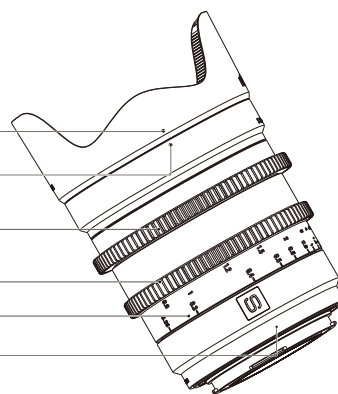
S 20mm T 2.0 ASPH full-frame manual focus prime lens is a large aperture lens designed for L mount, providing excellent imaging performance from the center to the edge of the image.

Main Features:

- * Full Frame,20mm focal length, T 2.0 large aperture
- * 12 elements in 9 groups, including 1 double-sided aspheric lens, 4 ED lens and 1 short wave length and high transparent lens
- * HD Nano multilayer coating with water-resistant and antifouling coating
- * Smooth manual focus with precision components including brass barrel
- * 14 blades ultra-round diaphragm
- * Precision metal structure

Identifying the Parts

- Lens Hood Position
- Lens Hood Index
- Aperture Ring
- Focusing Ring
- Depth of field rules
- Mounting Index



Attaching and Detaching the Lens

To attach the lens

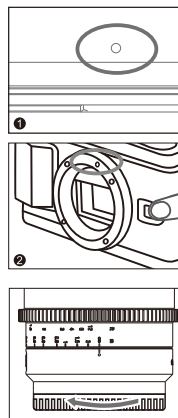
Align the white index on the lens barrel with the white index on the camera, then insert the lens into camera mount and rotate it clockwise until it locks. (For further details of attaching and detaching lens, please kindly refer to the User Manual of the camera.)

To detaching the lens

While holding down the lens release button on the camera, rotate the lens counterclockwise until it stops, then detach the lens. Please place the back of the lens upward to avoid scratches on the lens surface and the electronic contacts.

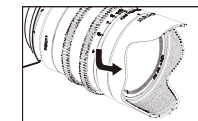
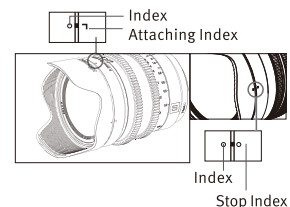
Lens Cap

When lens is detached, please cover it with a dust cap. Align the mounting index on the dust cap with the mounting index on the lens, then rotate the cap clockwise until it stops. And rotate it counterclockwise when removing the cap.



Lens Hood

Lens hood is used to reduce flare or scattering light of ghost and avoid rain, snow and dust sticking to the front of the lens.



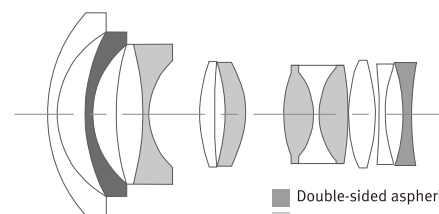
Attaching the Lens Hood

Align the lens hood index on the lens hood with the attaching index on the lens, then insert the lens hood into the lens mount and rotate it clockwise until it clicks and now the red dot on the lens hood should match the stop index on the lens.

Detaching the Lens Hood

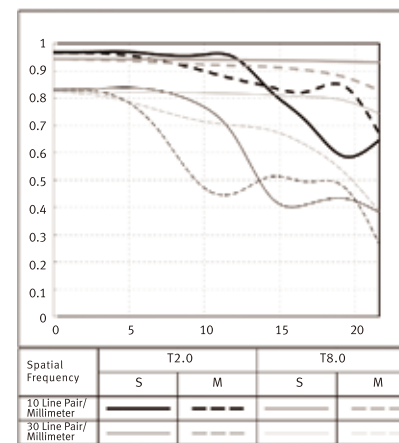
Rotate the lens hood counterclockwise until the lens hood index on is aligned with the attaching index on the lens, then remove the lens hood. The lens hood can be attached or stored in the opposite direction.

Lens Construction Diagram



- Double-sided aspheric lens
- Extra-low dispersion lens
- Short wave length and high transparent lens

MTF Graph(PFU RBMH 20mmT2.0 L-Mount)



Safety Notes

Do not look at the sun or bright source through the lens or camera, otherwise the vision will be impaired.

- * Do not place the lens in the sun, regardless of whether it is mounted on the camera, otherwise the lens may fuse and cause a fire.
- * Do not place the lens in a child-sensitive area, otherwise it risks accident or injury.
- * Please do not disassemble the internal parts of the product yourself, which may cause damage.

Using Tips

- * When attaching the lens, be careful not to let it be hit by a mechanical impact.
- * When stored, please make sure to put the lens cap on the lens.
- * Please do not store the lens in a very humid place for fear of mildew.
- * The lens is not water-resistant, so it must be used carefully when it is raining or near water. If the internal parts, lens or the electrical components are damaged by water, it is probably unable to repair.
- * Temperature shock may cause fog or water droplets on the lens surface, so while going into warm indoor environment in the cold weather, it would better place the lens in an airtight plastic bag or an oven until the lens temperature gets close to the room temperature. Please use the same method when taking the lens from a warm environment to a cold one.

Cleaning

- * Please don't touch the contacts on the lens with your hand. If the lens gets dirty, blow off the dust with a lens-nosed tiger and rub slightly with a clean, soft lens cloth (cleaning cloth).
- * Please do not use any organic solvent, such as dilute or gasoline to clean the lens.

Specification

Focal length	20 mm
Aperture	T/2.0-T/16
Number of Diaphragm Blades	14
Close Focus ¹	0.25m(9.84")
Imare Coverage	43.2mm(1.7inch)
Front diameter	80mm(3.15inch)
Filter size	M82x0.75
Length ²	100.9mm(3.97inch)
Weight ³	808g(1.78")
FF ⁴	94°
S35 ⁵	75.59°
APS-C ⁶	70.77°
Standard Accessories	Lens*1 FilterHolder*1 LensHood*1 UserManual*1

1 Close focus distance is measured from the image plane.

2 Front to L-mount flange.

3 Without lens support foot.

4 Horizontal angle of view for a full-frame camera aperture (aspect ratio 1:1.5, dimensions 36mm × 24mm / 1.42" × 0.94")

5 Horizontal angle of view for a super 35 digital cinema camera aperture (aspect ratio 1:1.8, dimensions 24.6mm × 13.8mm / 0.97" × 0.54")

6 Horizontal angle of view for an APS-C camera aperture (aspect ratio 1:1.5, dimensions 23.7mm × 15.7mm / 0.93" × 0.62")

The specifications are subject to change without notice.