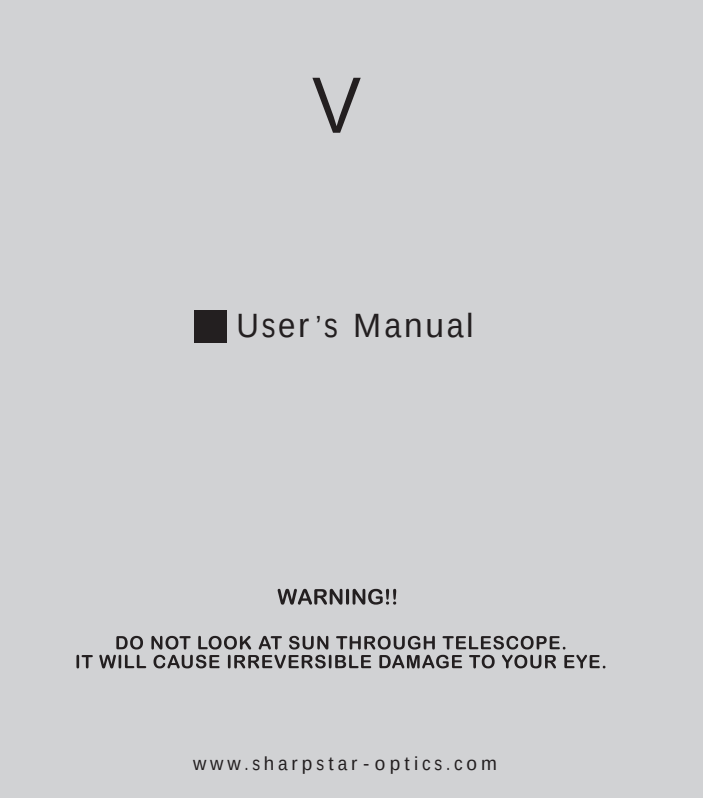




English

Instructions for use

Description:

The overall appearance of the Askar V is simple and generous, the color scheme of ivory white and silver makes it cool and elegant, and every detail of the design reflects exquisite craftsmanship and quality. Askar V not only has an elegant appearance and high-quality mechanical design but also has excellent star performance and rich function configuration.

Description:

The V60 objective lens and V80 objective lens, both adopt a triplet APO design, two of which are ED glasses, which can effectively eliminate chromatic aberration and increase image clarity. The V60 native focal ratio is f/6, and the focal length is 360mm. The V80 native focal ratio is f/6.25, and the focal length is 500mm. V is equipped with three additional accessories that are adjustable to 60mm or 80mm scales through rotation. The rear end of each

V extender, as the highlight of the product set, fully shows our none-stop innovation spirit and fulfills a part of the market vacant. V extender being used with the objective lens at the aperture of 60mm, the focal length is 446mm and the focal ratio is $f/7.43$; at the aperture of 80mm, the focal length is 600mm and

V's focuser comes with a new scaled 360° rotator and finder base, 1.25" and 2" adapters, supporting high-quality visual observation. The multifunctional handle design makes it more portable and easier to connect to the universal finder base and accessories.

60mm mode QTA

80mm mode OTA

Weight:0.48kg
Rear-end adapter: M54×0.75, M48×0.75 (built-in 2" filter thread)
60mm mode:
1.Focal length: 360mm

2 Back focus: 55mm (from the M48 adapter)

Product Size Diagram

The diagram illustrates the dimensions of the V OTA (including V80 objective lens) and the V60 objective lens. The V OTA is shown in a side profile with the following dimensions: total length 411mm, objective lens length 290mm, objective lens diameter $\phi 99\text{mm}$, and a section length of 200.40mm. The V60 objective lens is shown in a side profile with the following dimensions: total length 108mm, diameter $\phi 69.40\text{mm}$, and a section length of 118mm.

Component	Dimension	Value
V OTA (including V80 objective lens)	Total Length	411mm
	Objective Lens Length	290mm
	Objective Lens Diameter	$\phi 99\text{mm}$
	Section Length	200.40mm
V60 objective lens	Total Length	108mm
	Diameter	$\phi 69.40\text{mm}$
	Section Length	118mm

Product Size Diagram

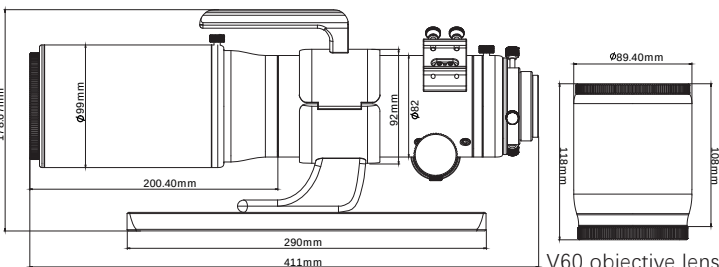
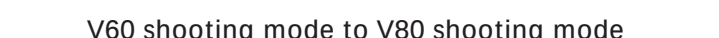


Figure 1 is a schematic diagram of the experimental setup. It shows a subject seated at a table, looking at a video screen. A camera is positioned above the screen. A horizontal bar is placed on the table, with a vertical rod attached to it. The rod is connected to a motor unit. The motor unit is connected to a power source. The video screen displays the subject's view of the bar and the rod.



Steps to swap V60 objective lens for V80 objective lens

Steps to replace accessories



V60 cheating mode to V80 cheating mode

V80 shooting mode to V60 shooting mode



Items in V Packaging