FAITHFUL®

**Huanghua Faithful Instrument Co.,Ltd**

# Telescope



## FAITHFUL
## Model: S81600

**Technical Specifications:**

- ✓ Astronomical Telescope that typically features a 700mm focal length and a 60mm aperture.
- ✓ This type of telescope is often categorized as a refractor, which means it uses lenses to gather and focus light.
- ✓ Refractive 525x Zoom Astronomical Telescope (700/60mm) Monocular Telescope for Astronomical Observation With 360 Degree Adjustable Aluminum Tripod
- ✓ Refractive / Focal Length: 700mm, optical aperture: 60mm Can set as lens plus 1.5x can be set 52 times, 84 times, 263 times Plus 3x magnification can be set by 105 times, 168 times, 525 times
- ✓ Theory Resolution: 2.000 arc-seconds
- ✓ Main tube Color: Silver Box size: 440mm x 210mm x 100mm with aluminum tripod U shape tripod can be 360 degrees adjustable.
- ✓ Material: Aluminum
- ✓ Telescope type: Refractor
- ✓ Objective lens diameter: 60mm
- ✓ Focal length: 700mm
- ✓ Eyepieces: 3 eyepieces: SR4mm and H12.5mm, H 20mm, Diagonal lens: convert upside-down images into the right side up
- ✓ Barlow lens: Magnification 3x
- ✓ Erecting eyepiece (eyepiece extension): 1.5x
- ✓ Magnification without the Barlow lens and erecting eyepiece: 35x, 56x 175x
- ✓ Magnification with 1.5x eyepiece extension : 52x, 84x 262x (Note: magnification is arrived at by dividing the telescope focal length by the eyepiece focal length)
- ✓ Magnification range (with 3x Barlow lens and 1.5 erecting eyepieces): 105x, 168x 525x, Resolution: 4.62″
- ✓ Observation class: 10.3 (Note: this is the level of astronomical observation that the telescope can achieve according to the distance, size, and brightness of the astronomical objects
- ✓ For example, Saturn belongs to this class)
- ✓ Fully multi-coated optics: Excellent image contrast and light transmission
- ✓ Mount: Alt-azimuth
- ✓ Weight: 4.80kg (overall package weight)
- ✓ Length: 70cm (main telescope)
- ✓ Finish/Color: Metallic white

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