

DWARF LAB

DWARF mini

Smart Telescope



Pocket Astronomy



Portable & Powerful

At 840g, it's the smallest smart telescope—ideal for backyard stargazing, hiking, or travel.

Capture the Moon, Sun, nebulae, galaxies, the Milky Way, comets, and star trails. Every shot shines.

Easy Astronomy

Powered by the DWARFLAB App: point to the stars and pick a recommended target in Atlas.

Autofocus, calibration, and GoTo run automatically. Shoot, download, and share in an instant.



Solar System

Switch to Solar System Mode and select the Sun or Moon—the telescope finds and locks on by itself.

Get sharp, true-to-life images, from sunspots to lunar craters, with zero hassle.

Milky Way

In Atlas, frame the Milky Way and tap Auto GoTo—the telescope handles tracking and stacking.

Fast previews, steady centering, and auto stacking deliver great Milky Way photos, easily.

Enhanced Stargazing

EQ-Mode

Built-in EQ mode guidance aligns your telescope polarly in 3 minutes, eliminating field rotation.



Astro Mosaic

Shoot and stitch images to expand the field of view (FOV), creating ultra-wide deep-sky images.



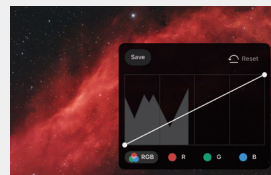
Mega Stack

Stack multi-sessions of the same target taken overnight using the same parameters and filters.



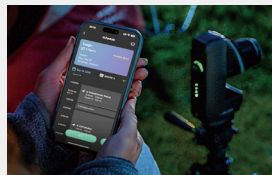
Curves

Adjust RGB channels of deep space images during each session.



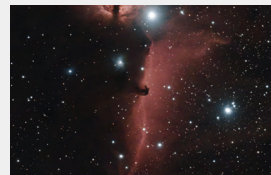
Schedule Shooting

Set your targets and parameters in advance, and the device will shoot automatically. No staying up.



Stellar Studio

Polish your astro images with Auto, Star Correction, Star Removal, Denoising, and Watermark features.





Aperture

30 mm (Tele)
3.4mm (Wide)



Focal Length

150 mm (Tele)
6.7 mm (Wide)



Equivalent Focal Length

1016 mm (Tele)
45 mm (Wide)



Sensor

IMX662 (Tele)
OS02K10 (Wide)



Built-in Filters

Astro, Dark, Duo-Band (Tele)
Astro (Wide)



Shutter Speed

1/10000-90 s (Tele)
1/10000-30 s (Wide)



Max. Res.

1920×1080
(Tele & Wide)



FOV

D 2.45°, H 2.14°, V 1.20° (Tele)
D 50.59°, H 45.06°, V 25.93° (Wide)



Effective Pixels

2.07M
(Tele & Wide)



Shooting Modes

Photo, Video, Astro, Burst, Time-lapse
(Tele & Wide)

DWARFLAB



Scan to get more info
dwarflab.com