

# NGC 7538 – 28/10/2022

**Telescopio o obiettivo di acquisizione (Imaging telescope or lens):** Ritchey-Chrétien TS Optics GS0 154 mm f/9

**Camera di acquisizione (Imaging camera):** CentralDS 600D II Pro [4.3  $\mu\text{m}$ ]

**Montatura (Mount):** SkyWatcher NEQ6

**Telescopio o obiettivo di guida (Guiding telescope or lens):** Rifrattore acromatico (refractor) Svbody 60mm f/4

**Camera di guida (Guiding camera):** Magzero MZ-5m B/W [5.2  $\mu\text{m}$ ]

**Riduttore di focale (Focal reducer):** riduttore TS Optics CCD47 0.67x (TS Optics CCD47 0.67x reducer)

**Software (Software):** PixInsight 1.8.8 + Adobe Photoshop 24.0.0 + Topaz Sharpen AI 3.3.5 + Topaz DeNoise AI 3.0.3

**Accessori (Accessories):** non presente (not present)

**Filtri (Filter):** IDAS NGS1 2"

**Risoluzione (Resolution):** 5184 x 3456 (originale/original), 5202 x 3464 (finale/final)

**Data (Date):** 28/10/2022

**Luogo (Location):** Varenna – LC, Italia (Italy)

**Pose (Frames):** 18 x 600 sec at/a 800 ISO

**Calibrazione (Calibration):** 37 dark, 42 dark flat, 42 bias, 50 flat

**Fase lunare media (Average Moon phase):** 13.6%

**Campionamento (Pixel scale):** 0.9679 arcsec/pixel

**Focale equivalente (Equivalent focal length): 917.9 mm**

**Note (note):**



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