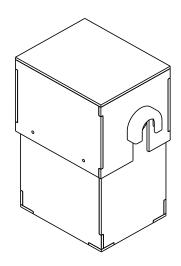
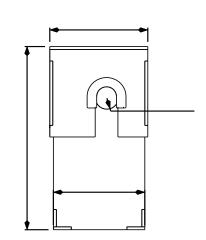
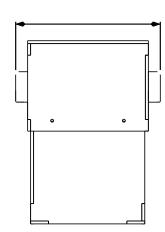
SatNGGS

Rotator v3 September 2015







features

Two configurations available: (1) Azimuth-Elevation (2) X-Y axis

Two motor options: (1) Stepper motors, (2) DC motors with encoders

We designed our v3 rotator to be easily contstructed, modular and re-usable for multiple rotator applications

Open hardware design optimized for 3D printed parts and offthe-self components

Low cost, durable and weather-proof design

specs

Our specifications have been designed for satellite ground station operations on VHF UHF and S-band.

20 deg/sec Rotation Speed:

Az: 360 deg, El: 90deg Total Rotation:

Motor V & A: 12V @ 1.6Ă Holding Torque: Operating Torque: 20 Nm 10 Nm

rotctl hamlib protocol 316x164x242 mm Interface: Size:

Weight: 6 kg

links

satnogs.dozuki.com Documentation:

github.com/satnogs/satnogs-rotator Designs:

community.satnogs.org

Community Forum: Main SatNOGS website: satnogs.org

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