

SATRAN MK3 Rotator - Bill of Materials

2022-09-02

1pcs Controller in plastic casing	1pcs Rubber grommet PG16
1pcs Power cable	4pcs Bolt M3x6mm
2pcs DC geared motor 60rpm	9pcs Countersunk screw 3x10mm
1pcs Bearing 6806	14pcs Flange screw 3x8mm
1pcs Bearing F685	4pcs Bolt M3x12mm
2pcs Bearing 608	4pcs Lock nut M3
1pcs Control patch cable RJ45	5pcs Flange nut M8
1pcs Aluminum motor bracket	2pcs Tapping screw 2.2x10mm
1pcs Aluminum antenna bracket	7pcs Tapping screw 2.2x6.5mm
1pcs M8 axle with glued lock nut	7pcs Bolt M5x16mm
1pcs 12volt power adapter	3pcs Hex nut M5
1pcs 1-turn potentiometer 1kohm	4pcs Lock nut M5
1pcs 10-turn potentiometer 1kohm	

3D-printable parts

Official downloads available at www.satran.io/downloads



Side x2



Side skirt x2



Top plate



Turntable



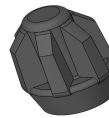
Mount 30-35mm



Gear elevation



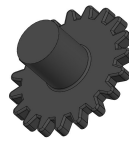
Gear azimuth



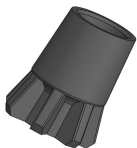
Gear azimuth motor



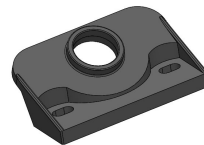
Wormgear



Gear elevation sensor



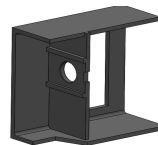
Gear azimuth sensor



Sensor holder azimuth



Patch board holder



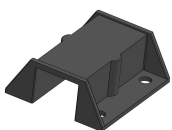
Sensor holder elevation



Patch board clamp



Axle spacer



15/20mm antenna fastener