

Good-bye BGAN...

# Hello GSAN!

Communicate on the move with the new GSAN Scout-M Flat Panel Horn Array Antenna. Ideal for transportation and mobile applications.

GSAN™  
**Scout<sup>M</sup>**

See reverse for full specifications.

- **COTM (Comms-On-The-Move)**
- Flat Panel Horn Array Antenna
- Auto-Acquire/Auto-Tracking
- Built-In GPS
- Controller/IDU Included
- Modem/BUC/LNB Required

The Scout-M is the latest in the new Scout family of array antennas from GSAN. Designed for COTM (Comms-On-The-Move), the Scout-M is meant to communicate while in motion.



Controller Included

v.20180810A

switch

**Contact us for more information!**

sales@gsan.co • 1 (877) 628-3801 • www.gsan.co

**GSAN™**



## Antenna Specifications

The Scout-M is the latest in the new Scout family of array antennas from GSAN. Designed for COTM (Comms-On-The-Move), the Scout-M is meant to communicate while in motion.

<b>Antenna Type</b>	Ku band Flat Panel Horn Array Antenna w/ Built-In GPS
<b>Frequency Range Tx</b>	13.75~14.5GHz
<b>Frequency Range Rx</b>	10.70~12.75.GHz
<b>Polarization</b>	Linear or Circular (software controlled)
<b>Receiving Gain</b>	≥32dBi @12.75 GHz
<b>Transmitting Gain</b>	≥33dBi @14.50 GHz
<b>TX Power</b>	≥3W
<b>Rx LO</b>	10.6/9.75GHz (switching through 22K)
<b>Tracking Accuracy</b>	≤0.3°
<b>Ingress Protection</b>	IP-66 Rating
<b>Weight</b>	26 kg/57.3 lbs (including mounting plate)
<b>Antenna Dimensions</b>	Cover Height: 260mm (Include mounting bracket) Cover Diameter: 796mm x 1098mm
<b>Tracking Mode</b>	Combination of inertial measurement with signal tracking
<b>Capture Time After Boot</b>	<120 seconds; Repeat Boot <30 seconds
<b>Recapture Time After loss</b>	Instantaneous capture (less than 2 seconds)
<b>Azimuth Range</b>	N×360° Unlimited/Continuous
<b>Elevation Range</b>	0~90°
<b>Polarization Range</b>	0~270° (polarization is software-controlled)
<b>Tracking Rate</b>	Azimuth: ≥100°/s Elevation: ≥80°/s Roll: ≥80°/s
<b>Maximum Angular Acceleration</b>	Az ≥800°/s <sup>2</sup> ; El ≥600°/ s <sup>2</sup>
<b>Maximum Vehicle Movement:</b>	±20°

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