

Airborne Antennas

SkyLink Mini II - 1.5 to 15 GHz

Single or Dual-Band Mini II		
Frequency	Mid-band	dBi
L Band	1.5 GHz	10
S Band	2.5 GHz	10
Lower C	4 GHz	13
Middle C	6 GHz	15
Upper C	7 GHz	18
Ku Band	14 GHz	23

OPTIONAL: Dual-Frequency Mini II or Dual-Polarized Mini II

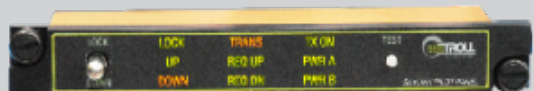
Specifications subject to change without notice.

OPTIONAL: Deployable Mini II

Requires Troll's Pilot Panel



Troll Deployable Mini



Troll Deployable Pilot Panel

SkyLink Mini II

The Mini II is a lightweight, high-performance airborne tracking antenna designed for dual-band or dual-polarized applications. The Mini is also the only airborne directional antenna to pass DO-160 testing.



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Long-Range Surveillance

STANDARD FEATURES

- Ultra-fast embedded IMU
- Built to MIL-STD 810
- Self-calibrating
- Tested beyond 170 nmi (315km)
- Antenna gain up to 23dBi
- Auto-tracking, auto-locating
- Available in bands from L to Ku
- Resists jamming and interference
- Direct Ethernet control open-source protocol
- Certified mounts
- DO-160 tested
- Rated to 330 knots



OPTIONAL FEATURES

- Simultaneous dual-frequency or dual-polarization

Ground & Marine Antennas

SkyLink Mini S and Mini-GS- 1.5 to 15

Single Band Mini-GS		
Frequency	Mid-band	dBi
L Band	1.5 GHz	14
S Band	2.5 GHz	15
Middle C	6 GHz	17
Ku Band	14 GHz	22

Optional Dual-Band Mini-GS or Dual-Polarized Mini-GS

Specifications subject to change without notice.

Skylink Mini-GS

High-Gain Tracking Antenna for Rugged Terrain or Harsh Marine Environments

The MINI-GS provides considerably higher gain in L and S Bands than the Mini II. It incorporates an advanced Dual-GPS (DGPS) and dynamic INS which automatically aligns with North to 0.3° accuracy on both stationary and moving terrestrial and marine platforms. Unlike other systems which rely on external heading sources, or unreliable magnetometers, the MINI-GS uses advanced DGPS to

continuously solve for heading. This system takes advantage of the latest in global navigation with its 72 channel GNSS receiver, capable of simultaneously tracking multiple constellations. Various tracking solutions are provided, including RF step track and MISB tracking data when available.

