



Temperature: Continuous operation -20°C to +50°C

Storage -40°C to +80°C

Wind speed: Operational 45mph (72kph)

Survival (stowed) 100mph (160kph)

IP Rating IP55

MIL-STD-810G Low temperature, high temperature

Humidity, altitude (Op/Non-Op)

Shock and vibration

POWER

Input DC voltage range: +12 to +36V DC

Input AC voltage range: 90 to 260V AC 50/60 Hz

PHYSICAL

Stowed Height: <350mm

Weight: <45Kg

Various colour schemes available





LoStow[®] Low profile vehicle mount

SIS LIVE's LoStow vehicle mounted antenna has been developed from our existing innovative vehicle mount range, incorporating technological developments from our existing DriveForce antenna.

LoStow combines high quality engineering in a compact, lightweight, rapidly deployable and easy to use package which can be easily integrated into vehicle systems.

The compact fully-automated LoStow antenna system boasts one of the lowest stowing heights on the market and is considerably lighter than similar systems.

In addition to these key features, the aerodynamics of the system provide a reduced profile, significantly reducing energy costs. LoStow is designed specifically for video and data operations in Ku and Ka band and is particularly well suited to the needs of broadcast, commercial and military markets.

As well as standard purchasing, SIS LIVE offers an antenna plus satellite bandwidth package. This enables a simple and cost effective means of using a terminal without the upfront costs associated with a purchase.







Features

- Precision 1.0m solid carbon fibre reflector system
- Fully automated acquisition
- Lightweight carbon fibre construction, less than 45kg
- Ka/Ku band interchangeable
- One of the lowest stowing heights available
- Intuitive and simple to operate for non-technical personnel
- Aerodynamic cowling, reducing energy costs
- Eutelsat NewsSpotter approved

Technical Specification

UPLINK

Ka Band: Tx 27.5-30GHz

Rx 18.2-20.2GHz

TX Gain 47.8dBi RX Gain 44.6dBi G/T @ 19.7Ghz 22dBk

Polarisation Circular, Linear option

Ku Band: Tx 13.75-14.5GHz

Rx 10.95-12.75GHz TX Gain 41.7dBi RX Gain 39.6dBi

G/T@ 11.2Ghz 18.4dBk

Polarisation Linear

REFLECTOR / RF

1.0m motorised carbon fibre reflector Compact Offset Prime Focus Design Manual override on all axes Twin spar feed arm RF options including: Ka band TRIA / BUC / SSPA High and Low Power Ku Band

MODEMS

 $\label{thm:composition} Tooway \ News Spotter, \ iDirect, \ SkyWAN, \ SCPC, \ Avanti \ Other \ Option - please \ request \ further \ information$

INTERFACES

Ethernet; Baseband; Power

Specific options are related to modem selection

CONTROL

Communications: IP connection

Fully auto¬mated satellite rapid acquisition and tracking system with high pointing accuracy

Windows based proprietary Uplink Management System [UMS] software featuring SIS LIVE's advanced and intuitive touch screen capable GUI

Or

Embedded control system offering a simple API designed to allow third party software integration

Rack-mountable or 'hand held' controller.

Full engineering override and localisable software