

LinkaSat-90-Ka-HN

90cm AUTO ACQUIRE SATELLITE TERMINAL FOR HUGHES NET SERVICE



Satellite communication becomes an important part for any state or local emergency operation plan when terrestrial communication such as cellular is unavailable or goes down during natural or man-made disasters. The LinkaSat-90-Ka-HN is a lightweight auto acquire satellite system designed to work with Ka Band HughesNet Business Class Service to quickly get your team back online.

This variable two-case solution with a minimum total system weight of 87 pounds is extremely portable allowing any vehicle or personnel to move satellite service to wherever it is needed. Setup takes less than 5 minutes with no tools required and the acquisition process is performed with a single button press.

The positioner offers a web-based user interface for setup, remote monitor and control during operation. For more details on positioner, LinkaSat-360FER-30, see datasheet N500201

Download the System Configuration Document (SCDN900928) for more details.

TECHNICAL SPECIFICATIONS - LinkaSat-90-Ka-HN

| System Details | |
|-----------------------------------|--|
| Setup Time | Less than 5 minutes (tool-less) |
| Acquisition Time | Less than 2 minutes |
| Power | 50-57Vdc, 4 Pair PoE, Passive (Indoor Rated 50Vdc Supply Included) |
| Antenna Controller | Embedded in antenna positioner |
| User Interface | Push button deploy, stow and compass calibration |
| Remote User Interface | Web based hosted internal to positioner |
| Tracking Tools | Step track and auto repeak tools included |
| On Board Sensors | GPS and magnetic compass |
| Mechanical/Environmental | |
| Deployed System Weight | 56 lbs (25.4 kg) |
| Azimuth Travel | 400° (+/-200°) |
| Elevation Travel | 5°-90° |
| Az/EI Optional Manual Drive | 5/16" socket drive |
| L-Band Interface | F-Type |
| Operational Temperature | -19 to 140°F (-28 to 60°C) |
| Non-Operational Temperature | -40 to 158°F (-40 to 70°C) |
| Operational Wind | 35 mph |
| Survival Wind | 60 mph (with anchors) |
| Transit Case Details | |
| Case 1, Option 1, Contents/Weight | Positioner, Quadpod & Accessories / 57 lbs (25.9 kg) |
| Case 2, Option 1, Contents/Weight | Soft Case for Antenna & Feed / 30 lbs (13.6 kg) |
| Case 2, Option 2, Contents/Weight | Hard Case for Antenna, Feed & Ku Equipment / 99 lbs (44.9 kg) |
| Case 1, Option 1, Dimensions | Length: 25.7" (65cm), Width: 19.6" (50cm), Depth: 15.7" (40cm) |
| Case 2, Option 1, Dimensions | Diameter: 39" (99cm) Depth: 9" (23cm) |
| Case 2, Option 2, Dimensions | Length: 50.0" (127cm), Width: 42.7" (108cm), Depth: 13.7" (35cm) |

Specifications subject to change without notice