



TP-100KA V

1.0M Ka / Avanti
Quick Deploy Terminals

The TP-100 Ka V is the latest in the ultra-fast, quick-deployable antenna systems from Holkirk Communications.

It is ideal for store and forward, breaking news, occasional or permanent use, with uplink speeds in excess of 10Mbps. Complete with a pricing structure that delivers better value than traditional services, the TP-100 Ka SAT can even support pre-booked and ad-hoc demands for service and bandwidth.

Flexibility - the unique design of the TP-100 Ka V will not only allow multiple Ka-Band payloads, but will also encompass traditional Ku-Band satellites, increasing the number of options to get your story filed.

Robust - design includes 1.0M high gain carbon fibre reflector, 'no-tools' assembly, folding feed arm assembly, quick deploy tri-pod, inclinometer and fine adjust on Azimuth and Elevation. The tri-pod has detachable feet to allow for ground anchors to be fitted, ensuring maximum stability for reliable operation. The lightweight, high quality and reliable construction in conjunction with high gain 1M carbon reflector, will ensure excellent performance even at the extremities of satellite footprint.

- **HYLAS 1 & 2 Operation**
- **1.0M Segmented Carbon Reflector**
- **'No-Tools' Assembly**
- **Less Than 5 Minutes Build Time**
- **2 Case Solution (Ka-Band and Ku-Band)**
- **3W / 5W Ka-Band Transceiver**
- **Avanti Compatible**

High-speed, High-performance IP Broadband Connectivity

Designed specifically to support mobile applications, the TP-100 Ka V employs the Evolution X5 which is a next-generation satellite router; ideally suited for broadband applications such as DSNG, web streaming, secure communications, and other mobile applications.

The Evolution X5 features iDirect's highly efficient implementation of the DVB-S2 standard, with Adaptive Coding and Modulation (ACM) on the outbound carrier. Along with deterministic MF-TDMA technology and 2D 16-State FEC on the inbound, the Evolution X5 maximises the efficiency of satellite capacity to enable new opportunities.

- Option 1** - Ka-Band system (standard)
- Option 2** - Ka-Band system (ODU)

Specification

Data Transfer	10Mb/s
Antenna Size	1.0M
Antenna Type	7 segments
Material	Carbon fibre
RF Transceiver	3W or 5W Ka-Band
Weight	15kg per case (depends on option)
No. of cases	2

- Case 1 - Antenna, Tripod 77x51x46cm (15kg)
- Case 2 - RF case (Ka) 75x47x38cm (15kg)

Accessories

GPS Console Cable | L-Band Cable Drum (25M)
ODU Modem (x3) | WiFi Router | MPAD2 | Sand Feet