

TP-100Ku

1.0m Ku Band

Quick Deploy Terminal

holkirk

a SEMATRON  company



The TP-100 Ku is the latest in our range of ultra quick, deployable antenna systems which is ideal for store and forward, breaking news, occasional or permanent satellite communication.

The TP-100Ku has the option to include a pointing aid to make pointing to any satellite a very easy and fast process.

An integrated GPS, electronic compass and inclinometer give the user a target azimuth, elevation and polarisation along with the actual read-out for the true position of the mount

The TP-100Ku in conjunction with the ruggedised outdoor modem (ODU) can be powered from a 240v PSU, direct from a 12v vehicle supply or from standard camera batteries (VEE-lock, PAG, etc).

The robust design includes a 1.0m carbon fibre reflector, a folding feed arm assembly, quick deploy tripod, integrated inclinometer and digital pointing aid, coarse and fine adjust on azimuth and elevation along with a 'no-tools' design philosophy which runs through all Holkirk designs.

Accessories

8w or 16w BUC & LNB (separate PSU reqd) | L Band Cable Drum (25m) | ODU Modem | Sand Feet | MPAD 2 Pointing Aid

SPECIFICATION

Antenna Type	1.0m, 7 Segments
Antenna Material	Carbon Fibre
RF Transceiver	7w Max
RF BUC	Up to 50w
Ku Band Tx Gain	41.8 dBi
Ku Band Rx Gain	40.1 dBi
Polarisation	Cross or Co-pol (5w switchable)
Azimuth Range	±360° Coarse ±10° Fine
Elevation Range	5-90° Coarse ±10° Fine
Polarisation	±95°
Ambient Temp Range	-20°C to +50°C
Wind Speed	20m/s (45mph) Operational
Weight	15kg per case (option dependant)
No. of cases	2
Case 1 -	Antenna, Tripod 77x51x46cm
Case 2 -	RF Case (Ku) 75x47x38cm

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