



Connect100T Terminal

A quick deploy and cost effective Global Xpress terminal

The Connect100T terminal is a medium-sized transportable Global Xpress certified solution designed to provide optimum performance on the GX network, and is the best value GX flyaway terminal available - typically at half the cost of other terminals and meeting the GX sweet spot for price and performance. The Connect100T provides portability and straightforward setup for short term use in demanding environments as the antenna with the Outdoor Paradigm Interface Module (PIM), the Paradigm Tri-Mount and transit cases can be deployed or installed in virtually any location that has a clear view to the satellite.



Terminal Overview

This quick deploy terminal assembles easily and will have you on the air and connected in 10 to 20 minutes - making phone calls, receiving data and transmitting your video. The Outdoor PIM includes One Touch Commissioning and guarantees easy pointing with its built-in visual crosshairs and audio feedback.

The PIM visual crosshairs are supplemented with a GUI interface that provides a step-by-step guide with additional visual indicators of signal strength and other useful terminal information.

Broadcasters, First Responders and Emergency Services, amongst others, will all benefit from the large bandwidth which Global Xpress and the Connect100T can provide.

The entire system is supplied in transit cases for safe shipment and ease of deployment.

Standard Terminal includes:

- **98cm Antenna with feed**
- **EI/Az Antenna Mount**
- **5W Transceiver / BUC & LNB**
- **RF Cable (2.5m)**
- **Outdoor PIM**
- **Installation Guide and Operators Manual and Tool Kit**
- **Paradigm Tri-Mount**
- **Transit Cases**

Inmarsat Partner for Global Xpress Terminal Manufacturing and Integration

Paradigm is an approved **Inmarsat Global Xpress Terminal Manufacturer**, providing fixed and transportable land terminals in a range of antenna apertures up to 1.8m for commercial and government markets. Paradigm is also an approved **Inmarsat Global Xpress Terminal Integrator**, delivering complex value-added services to meet customers' demands for global coverage, seamless mobility and affordable high-speed broadband connectivity.



Paradigm

Clear Sighted Solutions

inmarsat

APPROVED
GLOBAL XPRESS®
MANUFACTURER

Reflector	
Reflector	98cm One Piece, Steel
Optics	One Piece Offset Feed Prime Focus
Feed	Custom Circular
Mast Pipe Interface	60mm (2.38") Diameter (Std.)
Mount Geometry	Elevation over Azimuth

Performance	
Frequency Range (GHz)	GX Compliant
Polarisation	Circular, RH or LH
Data Capabilities	Up to 5Mbps Uplink / 50Mbps Downlink
External Power	100-230V (50-60Hz)
Ingress Protection	
PIM ODU	IP65
TXVR (BUC/LNB)	IP65
Radiation Pattern Compliance	GX Certified

Ordering Information
Connect100T Terminal
Options
Connect70 Antenna
Outdoor PIM with POE and DC Power options
Customised and Compatible Fibre and Wireless Solutions available on request
Custom Cable Lengths and Types available on request
Cooling and De-Icing Systems available on request
Installation Tool Kit
Paradigm Tri-Mount Options
Stabilising Weights
Sand Pads
Anchor Kit

Mechanical	
Azimuth Adjustment	
Fine	360° Continuous; ±3° Adjustment
Elevation Adjustment	
Fine	5° to 90° Continuous
Polarisation	RHCP/LHCP, Manual Change
Packaged Weight	32kgs per case approx.
Tripod Weight	10kgs approx.
Tripod Mast Pipe Interface	60mm (2.38") Diameter (Std.)

Environmental	
Ambient Operating Temperature	
Antenna	-50°C to +80°C
Outdoor PIM	-25°C to +55°C
Operating Humidity	
Outdoor PIM	0 to 95% (Condensing)



(Our policy is one of continuous improvement: therefore the right is reserved to change specification without notice)