



Paradigm
Clear Sighted Solutions



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. It provides portability and straightforward setup for short term use in demanding environments. The one metre antenna with the Outdoor Paradigm Interface Module (PIM), the Paradigm Tripod and transit cases can be deployed or installed in virtually any location that has a clear view to the satellite.



NOTE: Provisional product image (subject to change/revision)

Standard Terminal includes:

- **98cm Antenna with feed**
- **EI/Az Antenna Mount**
- **5W Transceiver / BUC & LNB**
- **RF Cable (2m)**
- **Outdoor PIM**
- **Installation Guide and Operators Manual**
- **Paradigm Tripod**
- **Transit Cases**

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.

Inmarsat Global Xpress Launch Terminal and Integration Partner

Paradigm is an approved Inmarsat Global Xpress Land Terminal Launch Partner, providing fixed and transportable land terminals from 60cm to 1.8m to commercial and government markets. Paradigm is also an approved Inmarsat Global Xpress Terminal Integrator, delivering complex value-added products to meet customers' demands for global coverage, seamless mobility and affordable broadband connectivity.



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inmarsat

APPROVED
GLOBAL XPRESS®
MANUFACTURER

Reflector

Reflector	98cm One Piece, Steel
Optics	One Piece Offset Feed Prime Focus
Feed	Custom Circular (OMT Optional)
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

Mechanical

Azimuth Adjustment	
Fine	360° Continuous; $\pm 3^\circ$ Adjustment
Elevation Adjustment	
Fine	5° to 90° Continuous
Polarisation	RHCP/LHCP, Manual Change
Packaged Weight	32kgs 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)

Ordering Information

Connect100T Terminal

Options

Connect70 Antenna

Outdoor PIM with optional POE and/or DC Power Output

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 Tripod Options

Stabilising Weight

Sand Pads

Anchor Kit



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

www.paracomm.co.uk
sales@paracomm.co.uk
+44 (0) 1420 88199

Paradigm Communication Systems Ltd.
Technology House
Station Road
Alton, UK GU34 2PZ

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