

CONNECT70 Terminal 69cm Ka-Band Inmarsat Global Xpress Terminal

The CONNECT70 is the smallest fixed Global Xpress Certified solution. Combining both optimal performance and functionality, the CONNECT70 provides access to the most advanced IP satellite services. The terminal is designed to provide the best possible performance on the Global Xpress network and is suitable for discreet installation and where space is limited.



Standard Terminal includes:

- 69cm Antenna with feed
- El/Az Antenna Mount
- 5W Transceiver / BUC & LNB
- RF Cable (30m)
- Indoor PIM[™]
- Installation Guide, Operators Manual and Tool Kit with Compass

Terminal Overview

Designed for extended usage in demanding environments, the CONNECT70 offers a variety of features to achieve the required accuracy needed for GX performance, including the One Touch Calibration function to enable simple RFchain setup. Paradigm offers the CONNECT70 as a standard terminal, with relevant accessories. Installation manuals and a quick start guide are also supplied on CD-ROM. For ease of setup, a tool kit with compass is provided.

Supplied with either a Kingpost, Wall Mount, Non-Penetrating Roof Mount, Tripod or Paradigm ISO Container Mount, the antenna system can be deployed/installed in any location.

Terminal M&C and modem operations are performed by the Indoor Paradigm Interface Module (PIMTM), which can optionally be supplied as a Rack Mount unit.

To increase flexibility and adaptability, Paradigm offers alternative interface options to the standard 10/100BaseT, including fibre and wireless solutions. Cable options to suit specific installation environments can also be offered.

Inmarsat Partner for Global Xpress Terminal Manufacturing and Integration

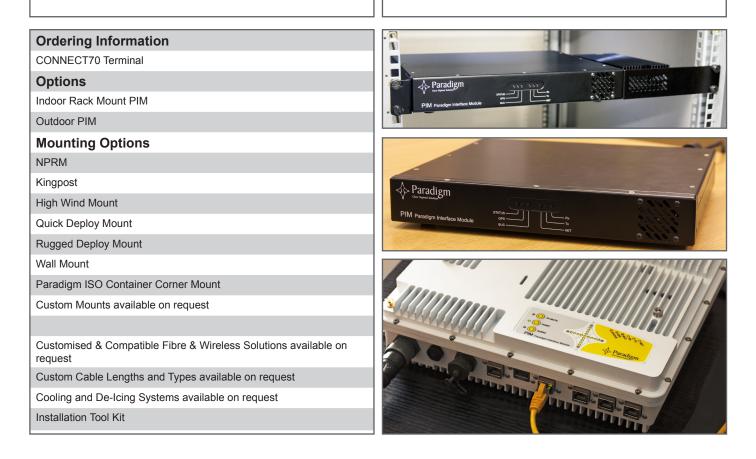
Paradigm is an approved **Inmarsat Global Xpress Terminal Manufacturer**, providing fixed and transportable land terminals in a range of antenna apertures up to 1.8m for commercial and government markets. Paradigm is also an approved **Inmarsat Global Xpress Terminal Integrator**, delivering complex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

www.paracomm.co.uk sales@paracomm.co.uk +44 (0) 1420 88199 Paradigm Communication Systems Ltd. Paradigm House 14 Wilsom Road Alton, UK GU34 2PP

inmarsat APPROVED GLOBAL XPRESS[®] MANUFACTURER



CONNECT70	
eflector	
eflector	69cm One Piece, Steel
EIRP	51.8 dBW @ 29.75GHz
G/T	18.2 dB/k @ 19.7GHz, 30°El, clear
Optics	One Piece Offset Feed Prime Focus
Feed	Custom Circular
last Pipe Interface	60mm (2.38") Diameter (Std.) 51mm (2") Diameter (Opt.)
lount Geometry	Elevation over Azimuth
erformance	
requency Range (GH	lz) GX Compliant
Polarisation	Circular, RH or LH
External Power	100-230V (50-60Hz)
Power Consumption	< 100W
Ingress Protection	
PIM IDU	IP52
TXVR (BUC/L	NB) IP65
Radiation Pattern Com	pliance GX Certified



ED-DTS-01468-12

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

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