IEC telecom

CERTUS® C 700

Truly global connectivity for all vessels

IEC telecom

POLE-TO-POLE COVERAGE

12-ELEMENT PATCH TECHNOLOGY

FASTEST L-BAND BROADBAND SERVICE

HD QUALITY VOICE LINES

NO MAINTENANCE REQUIRED OVER OPERATIONAL LIFETIME

Offering truly global pole-to-pole coverage, Certus® C 700 is powered by the Iridium Certus® network of 66 LEO satellites and can be deployed as the primary onboard communications antenna or as a companion to the existing VSAT system. With the fastest L-Band broadband service in the industry, the terminal simultaneously supports three HD quality, low-latency voice lines and can deliver uplink speeds of 352 Kbps and downlink speeds of 704 Kbps to ensure seamless connectivity in all weather conditions.

From built-in ATA and onboard PABX to PoE, the terminal provides excellent performance during any ship motion and low satellite elevation angles. Its 12-element patch technology, VSAT + C 700 Bundled Packages, and support for multiple onboard users make it the perfect VSAT companion for the maritime sector. The all-in-one Certus® C 700 terminal is a solid-state antenna with no moving parts, requiring no scheduled maintenance over its lifetime.

CHARACTERISTICS

- ◉ Weight
  - • ADU: 7.3 kg
  - • BDU: 1.2 kg
- ◉ Dimensions
  - • ADU: 370 x 270 mm
  - • BDU: 280 x 183.5 x 41 mm
- ◉ Operational Temperature
  - • ADU (°C): -25°C to +55°C
  - • BDU (°C): -15°C to +55°C
- ◉ Operating Humidity: > 95%
- ◉ Power Supply Voltage: 10.8 V to 30 V DC
- ◉ Output Power: 120 W
- ◉ IP Data: Up to 352 Kbps (uplink); Up to 704 Kbps (downlink)
- ◉ Ingress Protection
  - • ADU: IP56
  - • BDU: IP31

- ◉ Antenna TNC
- ◉ 3 Simultaneous HD Quality Voice Lines
- ◉ 3 x RJ45 LAN
- ◉ 3G/4G/LTE WAN Port
- ◉ 2 Analog Phones
- ◉ 10 pin GPIO
- ◉ SIM
- ◉ GMDSS Ready
- ◉ Built-in WiFi
- ◉ Built-in Firewall
- ◉ Soft PABX & LTE Interface Capability

IN THE BOX

- ◉ Intellian C 700 Terminal
- ◉ Below Deck Unit
- ◉ Power Supply Kit

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