



SATCOM

T-BOX

T-Box is the multi-functional network device designed to grant connectivity everytime and everywhere and to provide enhanced services.

EMPOWER YOUR COMMUNICATIONS

The T-Box integrated communication platform has been expertly designed to empower your connectivity to all satellite networks (VSAT and MSS) for VoIP, data and crew portal services.

It maximizes the cheapest available communication channel maintaining constant seamless connection between the remote site infrastructure and any other end point.

Constant connectivity is achieved through Master antennas

and the Internet backbone located within Telespazio Teleports.

It continuously monitors the channel in use switching whenever necessary to maintain an active link.

It provides advanced routing features allowing the use of various types of backup communication systems: Broad Band VSAT, Inmarsat terminals, Mobile 4G/5G terrestrial terminal, Wi-Fi and Iridium terminals.

MAIN FEATURES

- Software based on the abstraction of isolated and independent modules through the use of LXC containers
- Business LAN, crew LAN, VLANs, and interface with connectivity
- Compatible with any IP-based communications provider
- Firewall
- Vessel mainhub and office mainhub Virtual Private Networks (VPNs) enabling secure Vessel-Office connectivity
- Quality of Service (QoS)
- Crew internet access using registered user accounts and/or data PIN accounts, offering flexible data/time quotas and BYOD support over a managed hotspot
- Business data management
- Multiple hotspots providing internet access for both crew and business data
- Voice for crew service using registered user accounts or voice PIN accounts
- Voice for business calling
- Optimized, fully controlled web browsing
- Reporting & logs
- Configurable privacy and data retention policies
- Meeting GDPR and other regulatory requirements
- Policy based-routing with automatic failover on internet connections
- Virtual Machines (VMs)
- Systemic VMs - Custom, fully managed VMs
- WAF next-generation firewall
- Unified Threat Management (UTM) - Vulnerability assessment
- High Availability

MAIN SPECIFICATIONS

EXTERNAL CASE AND ELECTRONICS:

- Ruggedized shell
- Resistant to vibrations and shocks
- Resistant to dust and sand
- Electronic components designed for maritime environment

SAT CHANNEL:

- Support Any VSAT channel

SINGLE BOARD COMPUTER:

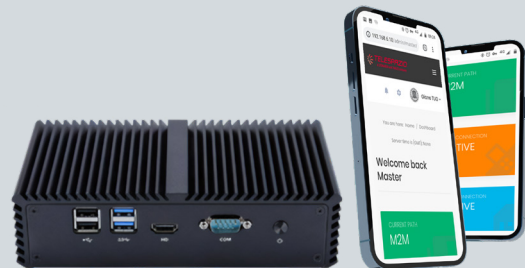
- Manage VAS and customer applications hosted in VMs or containers
- Intel Core i5
- 8GB Ram memory
- Supports SATA II, 1 x 3.5" HDD Bay or 2 x 2.5" HDD 120 GB

HARDWARE INTERFACES:

- 4 Ethernet RJ45 connector
- 1 Serial RS-232
- USB 3.0

CERTIFICATION:

- CE
- FCC Class A



For more information please email:
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