

NOMADIC TERMINAL-SATCOM 3500®



HITEC

LUXEMBOURG



MULTI-PURPOSE, FLEXIBLE TERMINAL FOR BROADBAND COMMUNICATION OVER SATELLITE AND LOCAL AREA NETWORKS

Preferred for long term mission, NT-SatCom 3500® is the ideal solution for humanitarian response teams, European civil protections or other long term deployments requiring in-field broadband internet access during disaster relief or on remote sites. The NT-SatCom 3500® is deployed for disaster recovery missions as an end-to-end solution in conjunction with different antenna type from Ku-Band to C-Band.

The deployment kit offers high-performance two-way communications providing up to 40 Mbps bandwidth downlink (based on provider and beam setup) for data, video and voice transmission.

The terminal is pre-configured and offers “out-of-the-box” network, security, quality of services and access control. It has been developed to allow fast and user-friendly on-site installation. The components arranged therein have been selected with focus on reliability and durability. NT-SatCom 3500® uses a revolutionary design able to resist shocks and adverse temperature conditions (0-50°C), optimized for transport and shipping.

The terminal can be integrated with a community-based, field-proven mission critical information systems like DISP Dynamic Information Sharing Platform allows reliable and secure sharing of commands, positions, visual and sensor data during a mission.

KEY FEATURES

- Light-weight, easily transportable system (compact is IATA compatible)
- Robust & rapidly deployed, System convertible with rack integration
- Pre-configured “out of the box” network and access control
- Self-guiding monitor screen
- Selectable bandwidth plans suiting individual client needs
- Cost-efficient communication terminal for disaster relief or network backup
- Modular system approach with multiple options
- Security concepts to protect sensitive data and service resilience

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TERMINAL CONNECTIONS

1 x Ethernet for external access point
 1 x Internal Wireless LAN access point (802.11 b/g/n)
 2 x Ethernet for BUC/Wider
 1 x Ethernet for data
 1 x Ethernet for voice
 1 x Ethernet for modem
 1 x Ethernet for local ISP
 2 x USB

ENVIRONMENTAL CONDITIONS

Temperature: 0°C to 50°C
 Humidity: 20 to 80% (non-condensing)
 Sealing class: IP21

AC POWER INPUT

AC power supply 100-240 VAC / 50-60 Hz
 (max 10A)
 Consumption max. 400 W

INTEGRATED SERVER (*)**

Fanless rugged PC Intel i7-6600
 RAM 32Gbyte
 SSD 2TByte

BUILT-IN COMPONENTS

Router / switch with 3G backup capability (*)
 Satellite modem (**)
 Fanless, rugged PC (***)

(*) Optional
 (**) Depending on selected provider
 (***) Individual options available

PACKAGING

Number of cases: 1 x Portable protection case
 (with lids)
 Total weight: 21.5 kg (with covers and
 accessories)

BANDWIDTH

Use policy: Shared / Dedicated bandwidth (**)
 Capacity: up to 50 Mbps downlink (**)
 Up to 20 Mbps uplink (**)

BUILT-IN COMPONENTS

Embedded monitoring & control for BUC
 Monitoring of satellite modem via web interface
 Full compatibility with Pulse™ Core
 Real-time monitoring
 User-friendly, graphical user interface
 Sunlight readable LCD display
 Embedded temperature and humidity sensors
 Quality of Service (QoS) monitoring
 Tunnelling to interconnect with remote branches
 Dynamic routing



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