NOMADIC TERMINAL-SATCOM 1000 ®

EASY TO DEPLOY AND OPERATE SATELLITE COMMUNICATION TERMINAL OFFERING BROADBAND COMMUNICATION OVER SATELLITE AND WIRELESS LOCAL AREA NETWORKS

NT-SatCom® 1000 is the ideal solution for rapid response usage on remote sites where immediate broadband internet access is required. The solution offers a cost-effective communications backup along with adequate data transmission features for rich applications. Itis an ideal solution for European Civil Protections and other first responders requiring broadband internet access in the field during disaster relief or for granting remote sites temporary internet access. Compact NT-SatCom® 1000 offers high performance two-way communications with state-of-the-art satellite technology providing up to 50 Mbps downlink and up to 20 Mbps bandwidth for data and video transmission or voice communication. (Depending on the selected SatCom-Provider and Contract)

The terminal is also available for operation within other frequencies and in different packaging as a part of the NT-SatCom® product family. Other solutions of the product family are NT-SatCom® 1500, an extended NT-SatCom with enhanced server capabilities and the NT-SatCom® 3500, with a rack mountable high-performance system for long-term missions.

The terminal is equipped with a small 0.8 meter aperture antenna and is conveniently packed in three cases which are easy to be transported. It allows for rapid installation, user-friendly, and is protected against environmental conditions, e.g. rain, dust, and temperature extremes.

KEY FEATURES

• Light-weight, easily transportable system (compact is IATA compatible)

• Robust & rapidly deployed

• Pre-configured "out of the box" network and access control

• Selectable bandwidth plans suiting individual client needs (voice, video, data)

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• 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

TERMINAL CONNECTIONS

4 x RJ45 (Ethernet for IP connections)

1 x Wireless LAN (802.11 b/g)

1 x Console access to router

1 x USB for GPS connection)

ENVIRONMENTAL CONDITIONS

Temperature:	0°C to 50°C
Humidity:	20 to 80% (non-condensing)
Sealing class:	IP44
Wind (operational):	65 km/h
Wind (survival):	80 km/h

AC POWER INPUT

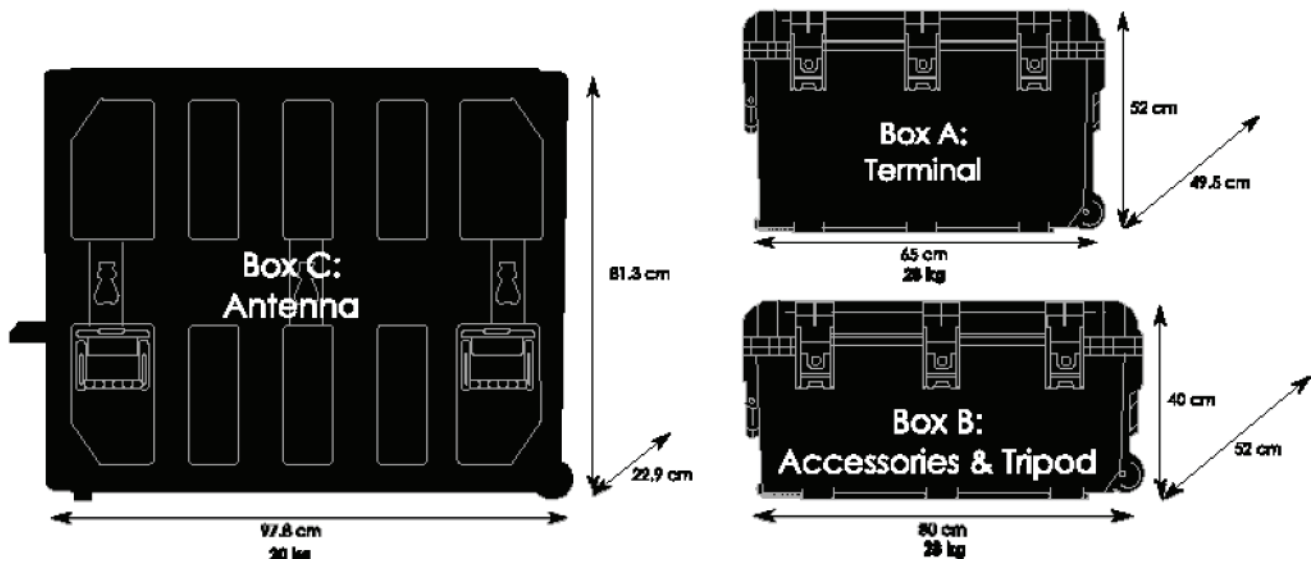|	
AC power supply	100-240 VAC / 50-60 Hz (max 10A)
Consumption	max. 400 W

BUILT-IN COMPONENTS

Router / switch with 3G backup capability (*)

Satellite modem (**)

Fanless, rugged PC – Intel i3-to i7 , SSD 256MB to 2TB (***)

PACKAGING

Number of cases:	1 x Terminal case
	1 x Accessories & tripod case (*)
	1 x Antenna case (*)
Total weight:	max 80 kg

BANDWIDTH

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

Box C: Antenna — 81.3 cm, 22.9 cm, 97.8 cm, 20 kg

Box A: Terminal — 52 cm, 49.5 cm, 65 cm, 28 kg

Box B: Accessories & Tripod — 40 cm, 52 cm, 80 cm, 28 kg

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

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MADE IN LUXEMBOURG

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