

NoSaCo Series



HITEC

LUXEMBOURG



Rapid Response Connectivity Solution

NoSaCo delivers immediate broadband internet access in remote areas, designed for outdoor use and easy installation even in adverse conditions. Its shock-proof design ensures protection during transport.

Rugged Performance

NoSaCo terminals are engineered to withstand the harshest conditions while delivering with high performance. Equipped with a Cisco Catalyst rugged series router and a fanless industrial PC featuring Intel technology, 32 GB RAM, and 2TB storage, the NoSaCo ensures reliability and high performance in any environment.

Flexibility and Adaptability

Compatible with iDirect satellite modems, including the IQ200 and 3315 series, and supported on all iDirect VSAT platforms, the NoSaCo offers seamless connectivity across diverse networks. Its modular design allows for integration with various modem types, ensuring flexibility and compliance with any satellite capacity provider.

Evolutionary Excellence: NoSaCo Rapid, NoSaCo Rack

Building on the success of NoSaCo Rapid, engineered for mobility without sacrificing performance, the lighter version offers a more agile alternative for swift deployment in dynamic missions. And NoSaCo Rack version is designed for long-term mission capabilities.

Enhanced Operational Control

Leveraging advanced networking technologies, the NoSaCo optimizes network performance, enhances security, and prioritizes applications, adapting effortlessly to changing conditions.

Each NoSaCo terminal features a local Monitoring and Control service portal, providing administrators a real-time monitoring, configuration, and management of terminal operations on-site, enhancing operational efficiency and control.

Versatility Redefined

More than just a satellite terminal, the NoSaCo is a versatile hub aggregating links from satellite, 4G/5G, and local ISPs, intelligently ensuring seamless and optimized connectivity. Additionally, the NoSaCo Rapid can integrate a power edge device for local processing, enabling robust AI applications directly in the field.

Endless Possibilities

Explore diverse use cases with the NoSaCo terminal, from integrating local IoT gateways to serving as a UAV controller hub. With its robust connectivity and on-field processing capabilities, NoSaCo is the go-to solution for various connectivity and data processing needs in remote and challenging environments.

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KEY FEATURES

- Lightweight, easily transportable system (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)

- 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.

CHARACTERISTICS

TERMINAL CONNECTIONS

- 4 x RJ45 (Ethernet for IP connections)
- 1 x Wireless LAN (WiFi6 802.11ax)
- 1 x Console access to router and PC
- 1 x USB (USB 3.1 external)
- 2 x RF (N connectors)
- 1 x MIL-DTL-26482 (BUC power and monitoring)

ENVIRONMENTAL CONDITIONS

Temperature:	0°C to 50°C
Humidity:	20 to 80% (non-condensing)
Sealing class:	IP54
Wind (operational):	65 km/h
Wind (survival):	80 km/h

SENSORS

Multi-GNSS receiver & temperature and humidity sensing

AC POWER

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



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Rapid Light version

- Same performance as the Rapid model with more features, but in a smaller, lighter, and more compact form factor for enhanced portability and convenience
- A 24 VDC output connector, a single hybrid connector designed to power the BUC from the terminal and connect it to the local management network
- A 24 VDC input power connector, allowing the terminal to be powered by car batteries for added flexibility and mobility
- An electronic circuit breaker, including an external reset contact, to enhance operational safety and reliability

CHARACTERISTICS

TERMINAL CONNECTIONS

- 4 x M12 (rugged and reliable network connectors)
- 1 x Wireless LAN (WiFi6 802.11ax)
- 3 x Console access to router, PC & modem*
- 1 x USB (USB 3.1)*
- 2 x RF (N connectors)
- 1 x Display port*

*inside on a debug outlet

ENVIRONMENTAL CONDITIONS

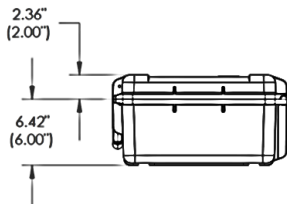
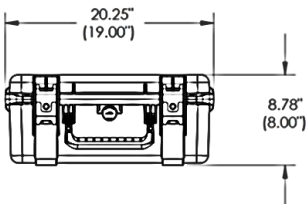
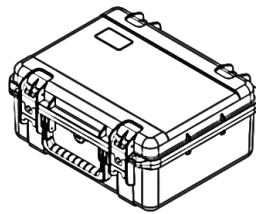
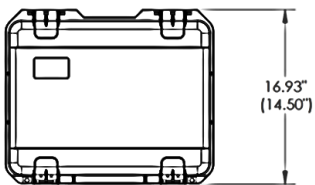
Temperature:	-10°C to 45°C
Humidity:	20 to 80% (non-condensing)
Sealing class:	IP54
Wind (operational):	65 km/h
Wind (survival):	80 km/h

SENSORS

Multi-GNSS receiver & temperature and humidity sensing

AC POWER

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



TERMINAL CONNECTIONS

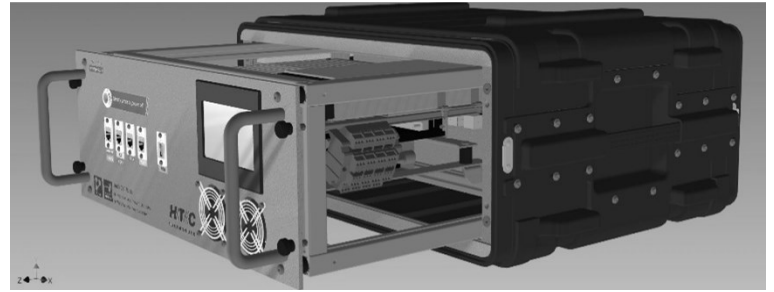
- 7 x RJ45 (Ethernet for IP connections)
- 1 x Wireless LAN (802.11 b/g)
- 1 x Console access to router
- 2 x USB (for GPS and Maintenance)

AC POWER

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

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



For more information contact your HITEC Luxembourg S.A. representative:
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