

PREPARE FOR A NEW ERA  
OF MOBILE CONNECTIVITY



EXCLUSIVE BY



**TELESPAZIO**

*a LEONARDO and THALES company*

Powered by **M.SE**  
MOBILE SOLUTION EXPERT

**Telespazio Brasil** and **Grupo Racco** have joined forces to redefine the connectivity market in Brazil! With Veloce, you can take ultra-high-speed internet anywhere without compromising connection quality.

Veloce is a mobile satellite terminal that gives you access to a world of technology and innovation.



*High-speed  
internet*



*Stay connected  
wherever you are*



*Solar-powered  
charging  
(optional)*

Veloce transforms any means of transportation (vehicles, trucks, trains, vessels) into a powerful Wi-Fi antenna, operating wherever you are.

# VELOCE SPECIFICATIONS

## STD 31.1 MINI MODEL

(Starlink Router)

Dimensions \_\_\_\_\_ 48 x 38 x 5 cm

Certification \_\_\_\_\_ IP 68

Weight \_\_\_\_\_ 4,6 kg

Connectors \_\_ 1x SD-20 power connector, 1x RJ-45 communication connector

Power Supply \_\_\_\_\_ 9 to 30 VCC

Average Power Consumption \_\_\_\_\_ 25 - 40 Watts

Peak Power Consumption \_\_\_\_\_ 55 Watts

### Starlink Router

Wi-Fi Network \_\_\_\_\_ 2.4 Ghz and 5 Ghz Wi-fi 5

Radio \_\_\_\_\_ Dual-Band 3x3 MU-MIMO

Speed \_ Download speeds up to 200 Mbps and upload speeds up to 20 Mbps

Low-latency satellite connection \_\_\_\_\_ 25ms to 100+ ms

Secure Wi-Fi access with support for multiple security protocols \_\_\_\_\_ WPA2

DHCP server for automatic IP address assignment to devices on the network.

### ACCESSORIES

- High-temperature-resistant power cable with triple insulation and protection circuits, featuring a programmable activation button for automatic shutdown after a certain operating period when powered solely by the vehicle battery, preventing complete battery discharge.
- Four sets of high-power neodymium magnets for mounting on ferrous metallic surfaces.

## KEY BENEFITS

1. Applicable exclusively to models equipped with a V4 antenna.
2. Increased protection rating from IP67 to IP68.
3. Structural reinforcement, including:
  - a. 150% increase in enclosure thickness;
  - b. Application of three waterproofing layers (internal and external);
  - c. Thermal dissipation layer for uniform heat distribution;
  - d. Upgrade of the RJ45 connector from IP67 to IP68.
4. Improved protection circuit: the power supply, previously limited to 12 VDC, now operates between 9 VDC and 30 VDC, supporting both 12 V vehicles and 24 V trucks while eliminating the need for external accessories (step-down converters). This extended range also enables operation even below 12 V — a common situation that previously prevented the system from functioning.
5. Vehicle battery protection: the activation button performs automatic shutdown after a predetermined period when operating solely on battery power, preventing complete battery discharge. Antenna power is only enabled after the vehicle has remained on for at least one continuous minute, preventing burns and damage caused by startup voltage fluctuations.
6. SD-20 connector protection: inclusion of a 2 mm stainless steel protective cage and installation of a tamper-evident seal.

