

SatPack AUTOMATE

Compact, adaptable and fully automated multi-orbital VSAT terminal that ensures reliable link with LEO, MEO and GEO constellations. While used in paired mode, provides seamless satellite handover. If utilized in single-mode, the satellite change is made in just a few seconds of communication break.

Fully modular construction: separate Modem module and RF module gives infinite number of system configurations, according to specific mission requirements.

Military-grade design
- reliable construction
in every condition, IP65 rating.

Low weight -
around 30 kg,
depending on chosen
configuration.

Comes in two
hard cases.



ADVANTAGES:

- Dedicated to use with GEO, MEO and LEO constellations.
- Multi band working options: X, Ku, Ka.
- Multi modem options.
- Easy to swap modules in field environment (tool-less).



- Ready to use in minutes, set up by a single operator.
- No supporting devices needed - built-in antenna pointing algorithm and intuitive GUI.



- Fully configurable according to customer needs.

POWER

- Capable to supply from: AC (mains), DC, BB-2590



- If BB-2590 batteries provided - power supply acts as UPS, providing uninterrupted satellite

TECHNICAL SPECIFICATION

MODULES

RF module

Interchangeable X-, Ku-, Ka-Band

Antenna dish

Aperture 60 cm, 80 cm, 100 cm, 130 cm

Modem module

Supported modems ND Satcom 5G mini
iDirect IQ200, 950 mp
Teledyne Paradise Datacom Q-Lite
Other - upon request

Features Intuitive antenna pointing algorithm
Built-in Beacon receiver and GPS receiver

Power supply

AC (mains) 80-240 VAC, 45-63 Hz
DC 12-36 V
Battery BB-2590 with charging option

RF MODULE PARAMETERS

	X	Ku*	Ka
Transmit frequency	7.90 GHz to 8.40 GHz	13.75 GHz to 14.50 GHz	27.50 GHz to 31.00 GHz Depending on chosen sub-band
Receive frequency	7.25 GHz to 7.75 GHz	10.70 GHz to 12.75 GHz	17.20 GHz to 21.20 GHz Depending on chosen sub-band
Polarization type	RCP / LCP	Linear	RCP / LCP
Polarization adjustment	Manual	Motorized	Manual
BUC options	20 W	20 W, 40W	20 W, 40 W

MECHANICAL PARAMETERS

Tripod head type Motorized (azimuth and elevation)
System weight Around 30 kg (depending on configuration)
Number of cases 2, with wheels

ENVIRONMENTAL

Standard compliance MIL-STD 810
Operating temperature range -30 °C to 50 °C (-22 °F to 122 °F)





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Storage temperature range -40 °C to 60 °C (-40 °F to 140 °F)
Operational wind speed 45 km/h (28 mph)
Withstand wind speed 80 km/h (50 mph)
IP rating IP65

* Low-Ku option available upon request

