

COMING SOON

SatPack AUTOMATE

Automated system pointing based on Modem signal or satellite's Beacon signal.

Possible network topologies: Star/Hybrid/Full mesh and P2P connection.



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

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

Comes in two hard cases.

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.

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 batteries.



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

SatPack AutoMate 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, 950mp
		Teledyne Paradise Datacom Q-Lite
Features	Other – upon request	
	Automated antenna pointing and tracking algorithms 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)
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

