



USV Pamela —

RAMSES package



Dimensions	81 x 70 x 40 cm
Weight	8 kg
Payload Capacity	3 kg
Range (basic)	2 km or 1 hour
Range (extended)	4 km or 2 hours
Communication	LTE, ISM
Sensor interfaces	RS232, RS485 (MODBUS), ETH
Speed	1 m/s



Payload features

RAMSES G2 (TriOS) spectral imaging radiometer
Radiance, Irradiance or both
Internal data logging
Real time data display of raw spectra and water leaving reflectance



Operation modes

Manual operation with radio controller
Autopilot operation with user-programmed route using QGroundControl software on remote control tablet
