

The Polifemo family of Imaging Spectrometers offers a wide range of solutions for your needs in proximal and remote sensing for both manned and unmanned platforms.

HYPERNAL

2500 nm

900 - 1700 nm

200 - 900 nm



M12



M21



M2T+M8P

POLIFEMO

IMAGING SPECTROMETERS
FOR REMOTE AND PROXIMAL SENSING

Polifemo UAV spectrometers are very easy to install and operate thanks to their standard interfaces.



INFO & CONTACTS

info@superelectric.it



WWW.REMOTESENSING.IT

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DISCOVERING THE WORLD BEYOND THE SENSES

WWW.REMOTESENSING.IT

All Polifemo M2L family Spectrometers are integrated with a dedicated workflow SW suite. Planning, execution and monitoring activities are supported by software applications specifically developed.

MISSION PLANNING



MISSION ROLL-OUT



MISSION MONITORING



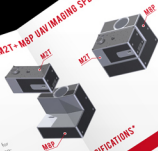
THE POLIFEMO SCALABLE M2T+M8P UAV IMAGING SPECTROMETER

M2T

Thermal and Hi-Vis sensor head with acquisition control unit, IMU, GPS and batteries.

M8P

Supplementary module for 8 Channel Hi-Vis Hi-Res imaging spectrometer.



TECHNICAL SPECIFICATIONS*

Model	Power Consumption	Weight	Dimensions
M2T	2 Amp @14.8VDC	0.75 kg**	155 x 125 x 200 mm
M8P	2 Amp @14.8VDC	1.8 kg	200 x 200 x 180 mm

MULTISPECTRAL CHANNELS SPECIFICATIONS*

Filter	Channel	Max. Res. (nm)	Map. Time (min)	Type	Resp. (µm)	FOV	Wave. (nm)	Acquisition (Hz)	Bit	Dynamic Range
M8P	Hi-Vis	200	100	Hi-Res	0.6	155° x 125°	380 - 1040	10	Digital	2000 x 2048
M2T	Thermal	7 narrow	100	Hi-Res	0.6	155° x 125°	800 - 1400	10	Digital	1400 x 1400
M2T	Visible	8 narrow	100	Hi-Res	0.6	155° x 125°	400 - 900	10	Digital	1400 x 1400

**1 Weight batteries NOT included

* Instruments specifications may change without notice