



ENAC APPROVED

## RPAS PPL 612



### Payload

The PPL 612 RPAS is available fitted with different payload solutions, fully integrated and approved by ENAC to satisfy every operating requirement.



### PAYLOAD OPTIONS



High resolution photo equipment integrated onboard the RPAS PPL 612 and approved by ENAC, providing onboard data recording and live ground video stream

#### NIKON 1 J5

Sensor	CX CMOS (13.2 x 8.8 mm)
Optical zoom	Interchangeable Nikon1
Effective pixels	20.8 Mpx
Memory	MicroSD card

#### LUMIX DMC-GM1

Sensor	Live MOS (17.3 x 13.0 mm)
Optical zoom	Interchangeable Lumix G
Effective pixels	16.0 Mpx
Memory	SD card

#### SONY DSC-RX 100

Sensor	CMOS Exmor Type1.0 (13.2 x 8.8 mm)
Optical zoom	3.6 x
Effective pixels	20.2 Mpx
Memory	Memory Stick - SD



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## Payload



High resolution thermometric camera complete of dedicated board PC, ENAC approved, designed for onboard raw data recording and ground video preview. The device is configurable for the acquisition of individual radiometric images or radiometric videos up to 30 Hz.

Radiometric sensor	FLIR A35	FLIR A65
Resolution	320(H)x256(V)	640(H)x512(V)
Frame rate	30 fps	10 fps
Thermal sensitivity (NETD)	< 0.05°C (a 30°C)	
Spatial resolution (IFOV)	fino 0.69 mrad	
Accuracy	±5°C o ±5%	
Range of measured temperatures	-40+160 °C	-40°+160°C
Memory	SD card	



Software for reproduction and analysis of radiometric recorded images (measures of temperatures, profiles, max/min/medium temperatures of surfaces...)



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