

**LABORATORY: CNR-ISPC**

**NAME OF THE INSTRUMENT**

Thermal imaging camera FLIR VUE PRO R, 640

**GENERAL DESCRIPTION:**

Drone thermal imaging camera for thermographic analysis of historical buildings for the purpose of their energy and environmental improvement.

The analysis with these tools allows, in integration with other analyses to identify geometric and material thermal bridges, investigate the emissivity of the materials, support the classification wall typologies and the use of other analyses for the thermophysical characterisation of the materials such as heat flow measurement, identify problems in the laying of materials and discontinuities, investigate the performance of glass and frames (emissivity, differences in thermal resistance, installation errors, air and water infiltrations), study air cracks and water leaks on the envelope and the presence of condensation.

**TECHNICAL DETAILS:**

FLIR VUE PRO R Drone thermal imaging Camera, 640x512 pixels, 19mm, 9Hz FLIR VUE PRO R, 640, 19mm, 9Hz, FOV 32x26

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