

Drones by Atmosphere

<p>Picture</p>	
<p>Brief Description</p>	<p>The fleet provided by ATM comprises one octocopter (with a replacement) and one fixed drone. Each UAV will have a specific role in the pilots in Cyprus and Spain. More detailed information and specifications of the UAVs are available for consultation in <i>D4.1 Design choices and initial integration activities for UAV and UGV enabled use cases.</i></p>
<p>Main Functionality</p>	<ul style="list-style-type: none"> - Aerial surveillance of a delimited area where an accident has occurred. The UAV is sent to the area in order to make the first situation recognition and to capture the images in real-time to evaluate the severity of the situation and to support the involved personnel in measuring the magnitude of the incident. - Continuous monitoring and provisioning of real-time data.





Main Capabilities	In the target scenarios of the RESPOND-A project, UAVs will be part of a heterogeneous communication systems relying on 4G/5G technology and complemented with Iridium satellite backhaul whenever the cellular coverage is insufficient. The UAVs will also be equipped with a 360° camera and, potentially, with other sensors and thermal cameras.
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