



D80 TITAN

Versatile Multipurpose Class 1 UAV Platform



- **80 kg MTOW with 30 kg of maximum payload capacity**
- **Up to 10 hours endurance**
- **ISR missions**
- **Fully automatic operation**
- **Easy logistics**
- **3 payload bays with up to 100 litres available**

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D80 TITAN is a **versatile multipurpose fixed-wing Class 1 UAV platform fully designed by Elecnor Deimos**. It is manufactured and tested at the company's recently established UAV production facility in Puertollano, Spain, around 200 km in the south of Madrid.

With a **Maximum Take-Off Weight (MTOW) of 80 kg** and an integral carbon fibre structure, D80 TITAN is a high-performance multiple-payload UAV platform easy to operate. The platform is powered by a 170 cc combustion engine and includes an electrical generator and PMU providing a total of 500W. It has a **wing span of 4 meters** and a **cruise speed of 80 km/h**. TITAN has been designed to accommodate **different types of cameras and sensors, up to a total weight of 30 kg**. Additionally, D80's **flexible fuel tank configuration** allows customers to select different fuel tank sizes according to their specific needs, enabling missions of **up to 10 hours of flight time**.

Maximum Take-off Weight:	80 kg	
Maximum Zero Fuel Weight:	42 kg	
Maximum Payload Weight:	38 kg	
Maximum endurance:	10 hours	
Cruise speed:	80 km/h	
Maximum speed:	140 km/h	
Effective ceiling:	3.500 m	
Wing span:	4.116 mm	
Length:	3.131 mm	
Fuel capacity:	30 l	
Electric power:	500 W	

These features provide D80 TITAN with a wide range of applications, including **Intelligence, Surveillance and Reconnaissance missions, infrastructure monitoring, emergency response support** under different conditions, **precision agriculture** and **spill control**, among others.

