EURODRAGONS
UAS SOLUTIONS

Photos: ©corporate identity prihoda

ED-X 25 LADON

EURODRAGONS

Specifications

- Speed: up to 100 km/h
- Flight altitude: up to 2.000 m
- Range: up to 200 km
- Flight duration: up to 2 hours
- Payload: up to 7 kg
- Flight modes: VTOL, BVLOS
- Engine: electric motor

A Company of
SmartDigital Group

www.eurodragons.at

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EuroDragons

For further information visit www.eurodragons.at

The Digital UAS Aviation Pioneers

Founded in 2021 and headquartered in Judenau (Lower Austria), EuroDragons is an Austrian aviation company that specializes in data detection using precision Unmanned Aircraft Systems (UAS), also known as drones. To this end, EuroDragons has developed its own highly specialized UAS fleet.

EuroDragons is one of the first companies in Europe to perform Beyond Visual Line of Sight (BVLOS) flights over distances of up to 350 kilometers. Depending on the scenario, various sensor systems can be used, such as optical, multispectral, ultraviolet and thermal cameras, as well as laser sensor systems.

EuroDragons uses its specially developed Air Risk and Communication Unit (ARCU©) to seamlessly log all flight movements and activities, as required by European aviation authorities and safety regulations. The ARCU© continuously logs all telemetry and movement data of the aircraft during operation.

The in-house developed Payload Operating Control Unit (POCU©) records the data collected during the flight, creating a detailed and seamless log of all data streams and storing them in a fraud and tamper-proof manner in a closed blockchain on ARCA©, the SmartDigital Group's highly scalable data processing platform. The ARCA© platform then classifies, analyzes and further processes the data in an automated workflow.

EuroDragons advises companies in all matters concerning UAS, assists in the recruting and training of suitable pilots and flight teams and carries out maintenance on non-company UAS in compliance with EASA standards. EuroDragons offers various models for the regular operation of UAS flight services ranging from full-service contracts to rentals and sales of UAS and their services. EuroDragons is a subsidiary of the SmartDigital Group.

Smart Digital

For further information visit www.smart-digital.at

Platform Services & UAS Solutions

Founded in 2017, SmartDigital is an Austrian high-tech company headquartered in Judenau (Lower Austria) serving companies of all sizes and from all industries. We help our customers use digital transformation to both document and provide complete, audit-compliant verification of their data and business processes. To this end, SmartDigital has developed ARCA©, a highly scalable service delivery platform which can process any data drawn from sensors on land, at sea, in the air or from other databases. ARCA© uses a tamper-proof blockchain and artificial intelligence in an automated end-to-end process. This optimizes labor, cost, and time-intensive processes, as well as processes prone to errors.

Our customers benefit from a secure, highly scalable IT-platform solution provided within an as-a-service model. It serves as a one-stop-shop covering everything from demand assessment to reporting and billing, using technologies such as artificial intelligence, robotic process automation, deep learning, internet of things and blockchain.

Depending on the scenario, SmartDigital also uses unmanned aircraft systems (UAS) services provided by its wholly-owned subsidiary EuroDragons.

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