Unit no. UAV-06A

IKM Testing AS

UAV / DRONE

Dimensions

Length(mm).....: 400 Width(mm).....: 400 Height(mm).....: 400
Equipment Weight - (kg).....: 1
Lifting/ Transportation.....: Transport box

Construction year

Built.....: 2019

Type

Fabricator.....: Flyability
Model.....: Elios
Max Flight time (min).....: 10
Max speed (m/s).....: 7
Description.....: THE COLLISION-TOLERANT DRONE FOR INDOOR INSPECTIONS

UAV
- Dimensions 400 mm diameter
- Weight (without battery) 531 g
- Take-off weight max. 700 g
- Operating temperature 0°C to +50°C
- Climb rate max. 1.5 m/s (manual mode); max. 2.5 m/s (pro mode)
- Speed max. 3 m/s (manual mode); max. 7 m/s (pro mode)

CAMERA PITCH
- Camera vertical field of view 75°
- Camera Pitch +/-70°
- Total field of view 215°

FLIGHT BATTERY:
- Type 3S Lithium-Polymer (LiPo)
- Capacity 2800 mAh
- Output 33,08 Wh
- Weight 169 g

GROUND STATION:
- Frequency 2,4 GHz
- Battery 2S 6P Lithium-ion, 6000 mAh

Additional information

Equipment / Functions.....: COLLISION PROTECTION: Light weight, very stable, safe: Spherical housing.
DN 400: ELIOS is able to access tubes even with diameters of only 400 mm.
ELIOS' LED lighting system delivers high-resolution images even when used in complete darkness.

ELIOS is equipped with a high-quality full-HD camera for photo and video recording as well as with a FLIR thermal imaging camera. Even in complete darkness assisted by a LED lighting system ELIOS delivers pin sharp images. The integrated thermal imaging camera facilitates the identification of damaged spots.

- 2,4 GHz digital RC and video receiver
- Samsung android tablet
- 5 robot batteries
- 2 robot battery charger
- Transport case
- Lipo safe bag
- Tool box with spare propellers
- 2 Micro SD-Cards
- 5 x Spare cage pentagons type 1
- 2 x Spare cage pentagons type 2