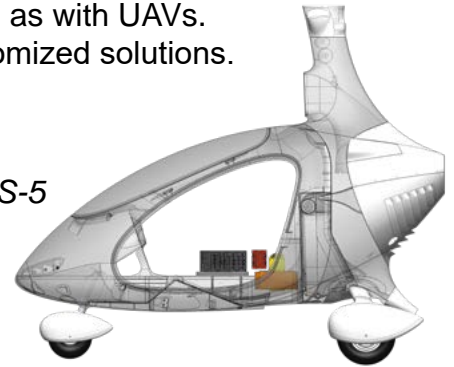


CAVALON Aerial Survey

The alternative to UAV. Gyroplanes have been invented in the year 1923. Due to their design, they are particularly good for aerial surveys and there are no regulations as with UAVs. IGI offers three standard configurations. Please contact us for customized solutions.

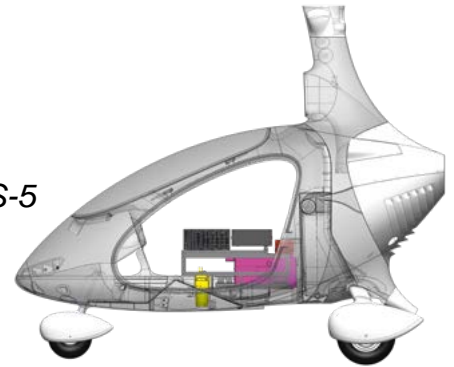
Photo-grammetry

Guidance & Sensor Management: CCNS-5
 GNSS/IMU-System: AEROcontrol
 Digital Camera: DigiCAM-150 with FMC
 Stabilised Mount



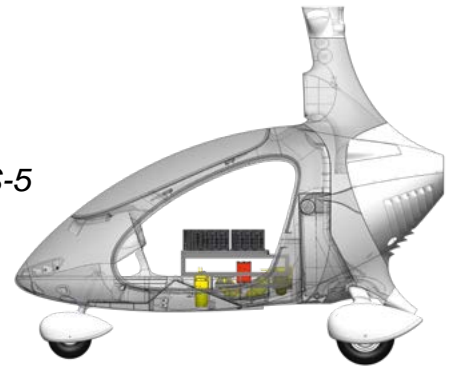
Airborne Laser Scanning

Guidance & Sensor Management: CCNS-5
 GNSS/IMU-System: AEROcontrol
 Digital Camera: DigiCAM-150 with FMC
 Stabilised Mount
 Airborne Laser Scanner: LiteMapper



3D City Modelling

Guidance & Sensor Management: CCNS-5
 GNSS/IMU-System: AEROcontrol
 Digital Cameras: DigiCAM-150 with FMC
 (1x nadir, 4x oblique)



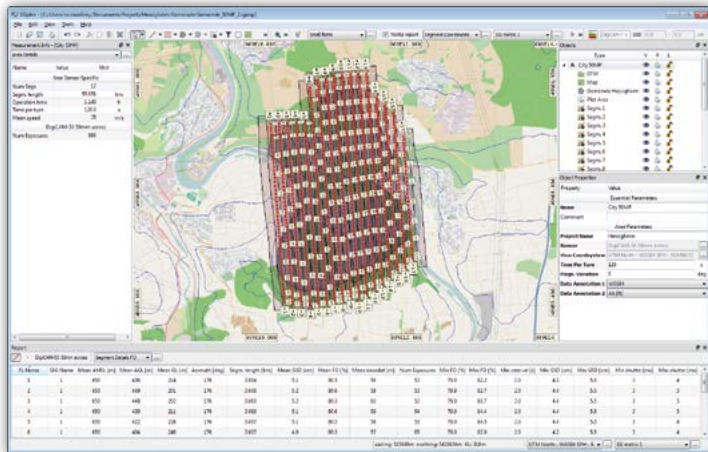
CAVALON Aerial Survey

The Cavalon Aerial Survey is prepared for single crew operations (pilot = operator) and comes with

- 3 sensor holes
- 115hp Rotax 914 UL engine
- 2nd generator, 24VDC
- Battery pack
- Connector for external power, 24VDC



The Cavalon Aerial Survey has 3 sensor holes



IGiplan
Mission Planning Software

CAVALON Aerial Survey in the photogrammetry variant:

AEROcontrol IMU-m

Inertial Measurement Units

AEROcontrol & DigiControl SMU

GNSS/IMU System & Sensor Management Unit



DigiCAM-150

Aerial Camera System, 150MP, BSI-CMOS sensor
Compensation: FMC + Gyro Stabilized Mount
10" Operator Touch-screen

CCNS-5

Flight Guidance &
Sensor Management System



+49 (0)2732 5525-0



info@igi-systems.com



+49 (0)2732 5525-25



www.igi-systems.com

IGI mbH

Langenauer Str. 46

57223 Kreuztal

Germany