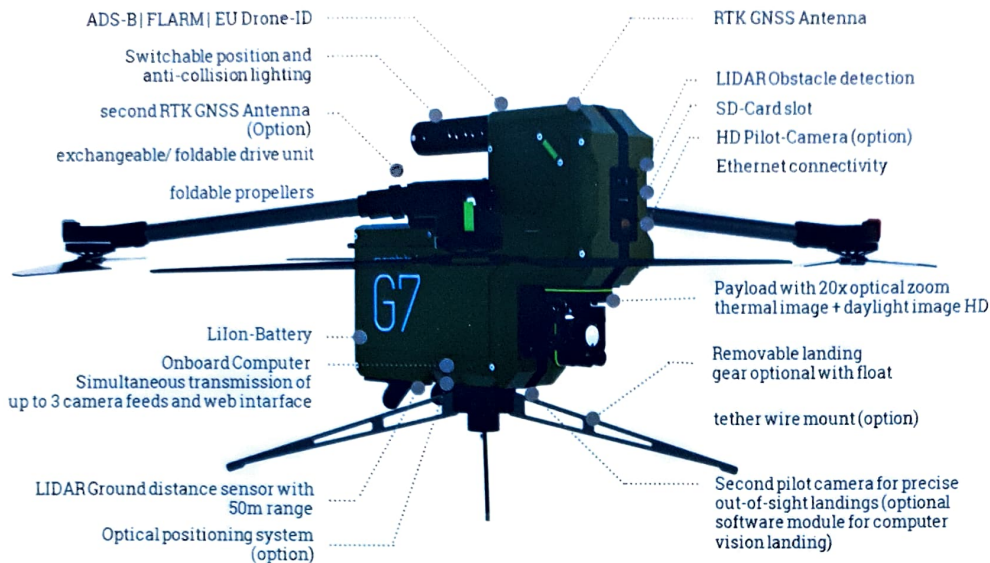




Grabbit G7



GENERAL DESCRIPTION

Grabbit G7 is a tactical UAS for surveillance, observation, reconnaissance and SAR missions. The Grabbit G7 impresses on the outside with its compact and no-frills design. Inside, however, it conceals a whole range of useful functions.

ADVANCED AVAILABILITY: The tool-free, fast-change-drive-unit offers another advantage that no other UAV on the world market can match.

BUILT-IN REDUNDANCY: Grabbit G7's autopilot is equipped with a redundant IMU. Thanks to its modern ARM® Cortex® H7 processor, Grabbit G7 is also well equipped for future features.

HIGHLY DEVELOPED EO/IR PAYLOAD: The EO/IR Multi-camera gimbal system offers day- and night-vision mode, 40x zoom, Tracking and Detection functionality, with Ethernet connectivity.

ADVANCED THREAT PROTECTION: Grabbit G7's data-link provides 3 protection tiers:

- ✓ Communication Immunity
- ✓ Cyber Security protection
- ✓ Data Encryption

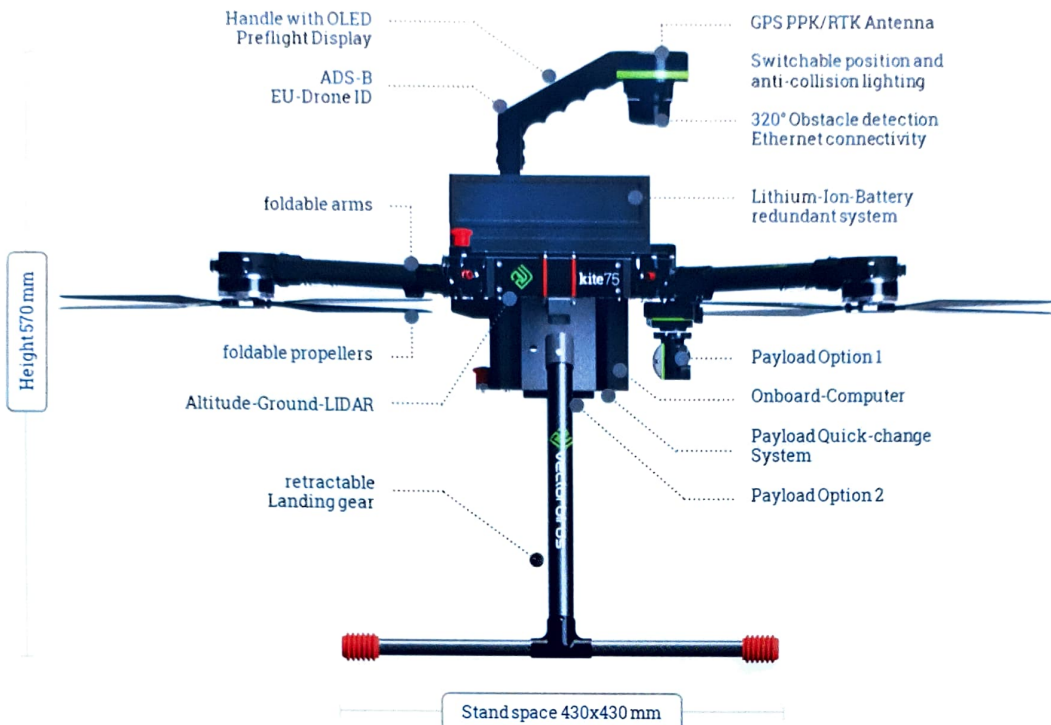


MAIN FEATURES

- ✓ INTERCHANGEABLE DRIVE UNIT
- ✓ UP TO 40 MINUTES FLIGHT TIME
- ✓ EO/IR MULTI CAMERA SYSTEM
- ✓ DAY- AND NIGHTVISION
- ✓ GEO LOCATION CAPABILITY
- ✓ OBJECT TRACKING BY DAY AND NIGHT
- ✓ PERSON AND VEHICLE DETECTION
- ✓ FIRE AND SMOKE DETECTION
- ✓ DETECTION OF PEOPLE IN WATER
- ✓ QUADRO- OR OCTOCOPTER DRIVE
- ✓ UP TO 3 SIMULTANEOUS CAMERA FEEDS
- ✓ ENCRYPTED IMAGE AND VIDEO RECORDING
- ✓ POINT TO POINT AND POINT TO MULTIPOINT DATALINK
- ✓ IP-BASED CONTROL SYSTEM
- ✓ WEB CONFIGURATION INTERFACE



Kite 75 QUAD



GENERAL DESCRIPTION

The Kite 75 is a professional, multifunctional, medium sized drone system, developed and manufactured in Germany.

MULTIFUNCTIONAL DESIGN:

The functionality of the Kite 75 can be adapted to customer requirements. Since the payload is interchangeable, the Kite 75 is ready for various applications and special customer requirements.

LONG LIFE CYCLE:

The use of high-quality components, as well as the expandability with further modules and functions, are a guarantee for an exceptionally long service life.

DATA INTEGRITY:

The Kite 75 was developed with a focus on a high data security level. Data can be stored and transmitted in encrypted form.

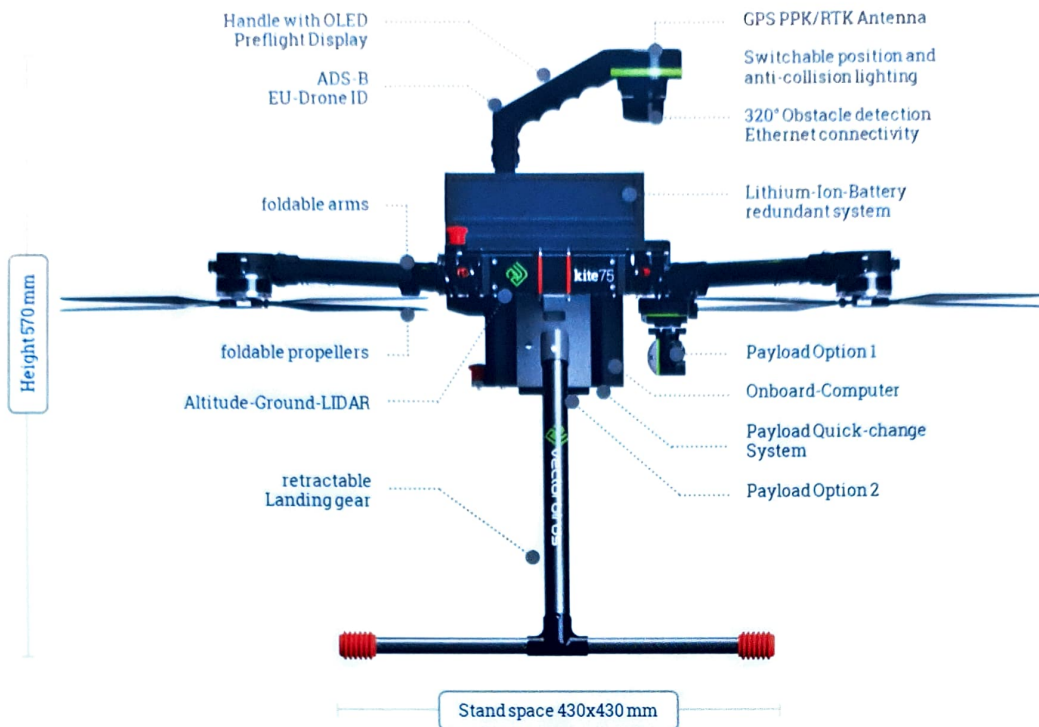


MAIN FEATURES

- ✓ Very compact transport dimensions
- ✓ Redundant battery operation
- ✓ Battery quick-change system
- ✓ Up to 35 minutes flight time
- ✓ Payload quick-change system
- ✓ Carrying Handle
- ✓ Retractable landing gear
- ✓ Switchable colour lighting
- ✓ Ready for tether-operation
- ✓ Ethernet connectivity



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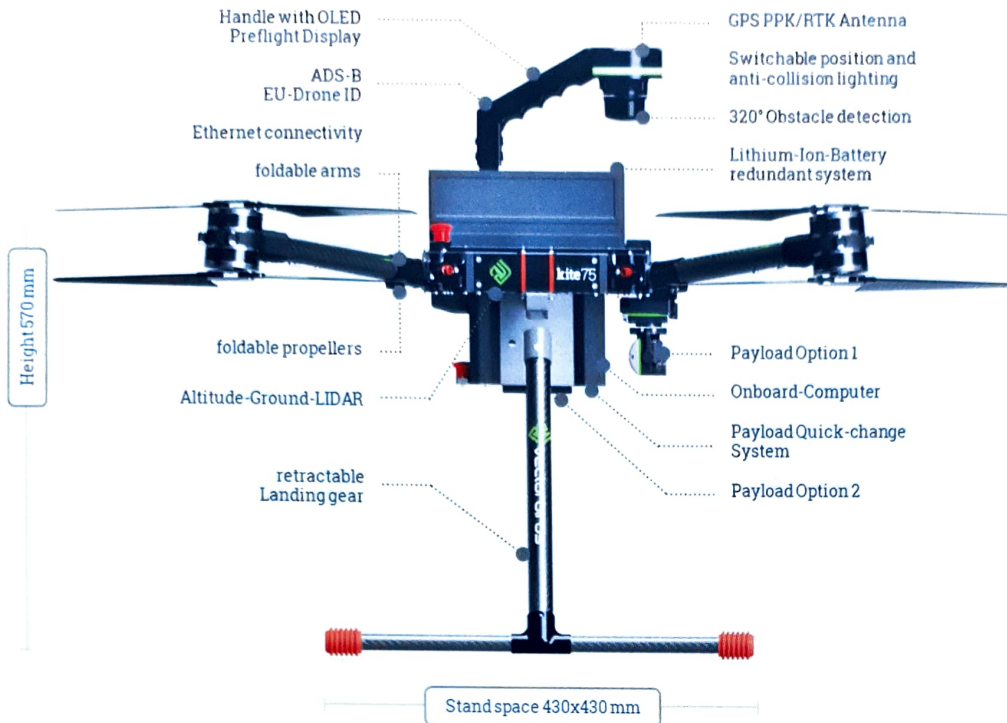


MAIN FEATURES

- ✓ Very compact transport dimensions
- ✓ Redundant battery operation
- ✓ Battery quick-change system
- ✓ Up to 35 minutes flight time
- ✓ Payload quick-change system
- ✓ Carrying Handle
- ✓ Retractable landing gear
- ✓ Switchable colour lighting
- ✓ Ready for tether-operation
- ✓ Ethernet connectivity



Kite 75 OCTO



GENERAL DESCRIPTION

The Kite 75 is a professional, multifunctional, medium sized drone system, developed and manufactured in Germany.

MULTIFUNCTIONAL DESIGN:

The functionality of the Kite 75 can be adapted to customer requirements. Since the payload is interchangeable, the Kite 75 is ready for various applications and special customer requirements.

LONG LIFE CYCLE:

The use of high-quality components, as well as the expandability with further modules and functions, are a guarantee for an exceptionally long service life.

DATA INTEGRITY:

The Kite 75 was developed with a focus on a high data security level. Data can be stored and transmitted in encrypted form.



MAIN FEATURES

- ✓ Very compact transport dimensions
- ✓ Redundant battery operation
- ✓ Battery quick-change system
- ✓ Up To 35 minutes flight time
- ✓ Payload quick-change system
- ✓ Carrying Handle
- ✓ Retractable landing gear
- ✓ Switchable colour lighting
- ✓ Ready for tether-operation
- ✓ Ethernet connectivity



vectorbirds

A I R B O R N E S Y S T E M S



POWERFUL STABILIZED MICRO CAMERA GIMBALS

For our UAVs we offer a range of high sophisticated and field proven multi camera gimbals for commercial, industrial and security applications.

Differences in zoom factor, image resolution and ultimately also weights, open up the selection of the optimal camera gimbal system for each application and various operating conditions.

All EO/IR Camera Payloads are functional for day and night operations.

The integrated zoom stabilization function drastically reduces the risk of camera shake.

Additional functions such as object tracking, license plate recognition and other detection functions expand the range of applications of UAVs EO/IR camera systems.









MAIN FEATURES

- ✓ High Zoom factors
- ✓ Day and Night operation
- ✓ Geo Location / Inertial Navigation
- ✓ Object Detection & Classification
- ✓ Video Resolution: 720p / 1080p
- ✓ Video Compression: H264 / H265
- ✓ Object Tracking: Single / Multi Target
- ✓ Video streaming over IP
- ✓ KLV / MISB ST 0601 / STANAG 4609 Metadata
- ✓ EXIF Metadata
- ✓ Video Motion Detection
- ✓ Geo Referencing

Kite 75 | Grabbit G7

PAYLOAD OPTIONS

Model	DE2x40	DE2x80	CO2x40	NHK2x40 -V	NHK2x40 -UZ	RAx80
						
ZOOM VISABLE OPT / DIG	x40 x20 / x2	x80 x40 / x2	x40 x20 / x2	x40 x20 / x2	x40 x20 / x2	x80 x40 / x2
ZOOM THERMAL	x4	N/A	x4	x4	x4	x8
RESOLUTION THERMAL	640x480px	N/A	640x480px	640x480px	1280x720px	1280x720px
WEIGHT	125g	140g	180g	320g	350g	640g
DIMENSIONS	L: 40mm W: 40mm H: 75mm	L: 40mm W: 40mm H: 75mm	Ø: 53mm H: 78mm	Ø: 66mm H: 94mm	Ø: 66mm H: 94mm	Ø: 90mm H: 120mm
FOV	60° WFOV - 3° NFOV - 1.5° DFOV	60° WFOV - 1.5° NFOV - 0.75° DFOV	60° WFOV - 3° NFOV - 1.5° DFOV	60° WFOV - 3° NFOV - 1.5° DFOV	60° WFOV - 3° NFOV - 1.5° DFOV	60° WFOV - 1.5° NFOV - 0.75° DFOV
PITCH	-45° to +135°	-45° to +80°	-45° to +90°	-45° to +135°	-45° to +135°	-45° to +80°
YAW	up to 360°	up to 360°	up to 360°	up to 360°	up to 360°	up to 360°
Usable width Grabbit G7	✓	✓				
Usable width Kite 75	✓	✓	✓	✓	✓	✓