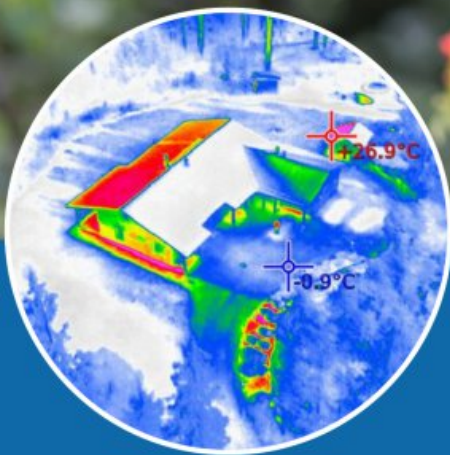


INNOVATION v5

- ▶ Land Survey
- ▶ Mapping
- ▶ Inspection
- ▶ Surveillance
- ▶ Flight time up to 68 minutes



**Complete Solutions for Demanding
Technical Aerial Photography**



VideoDrone Finland Oy is the first and leading company in Finland manufacturing multicopters for professional applications. We deliver complete solutions for technical aerial photography like mapping, surveying, inspection and surveillance tasks.

Aerial imaging and measurements offer unique possibilities to do things which were previously impossible or costly. VideoDrone® offers the opportunity to do these things in a high quality and cost-effective manner.

Current applications for VideoDrive include various technical inspections, surveying and design, orthophoto and point clouds, agriculture,

oil and other environmental damage and accident investigations and surveillance. Customers are companies of different sizes, municipalities, colleges, land surveying professionals or authorities and security services companies.

What are your needs? Please contact us to find out which solution works best for you.





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VIDEODRONE[®] X4S



X4S v5 is the most efficient model. The very efficient propulsion system and big 18" propellers mean excellent flight times, up to 68 minutes. Wide variety of payloads.

Technical data

Weight 2.0 kg	Encrypted video link (option)
Battery capacity 10-16 Ah	Encrypted data link (option)
MTOW 6.4 kg	Extremely bright Led lights
Flight time up to 68 min	Flight planning software for Windows (option)
Max payload 4.4 kg	16-channel radio controller
Max wind 15 m/s	Wide variety of payloads
Width 58cm x 58cm	Very sensitive GNSS
Height 37 cm	

GEODRONE[®] X4L



GeoDrone X4L v5 is designed for land survey, mapping, forest and agriculture applications. It is a quick and easy to use solution to visualize, measure and model different targets. GeoDrone[®] is superior in this size category. On one flight it is possible to map up to 100 ha. In addition to optical cameras, GeoDrone[®] can be equipped with a laser scanner. The VideoDrone Ground Station flight planning software can use a number of map layers and elevation data. Unlike many competitors, GeoDrone[®] will monitor the height of the ground, making it possible to fully map the varying terrain. The software also allows you to import your own maps and elevation models (Geotiff). The flight can be operated from the start to the landing completely autonomously.

Technical data

Weight 2.0 kg	Extremely bright Led lights
Battery capacity 10-16 Ah	Data link
MTOW 6.4 kg	16-channel radio controller
Flight time up to 68 min	Flight planning software for Windows (option)
Max payload 4.4 kg	Very sensitive GNSS
Max wind 15 m/s	Gyro stabilized gimbals
Width 58cm x 58cm	24 or 42 Mpx SLR cameras
Height 37 cm	
Video link with 7" monitor	

GEODRONE[®] PPK



GeoDrone PPK enables accurate image geotagging below 3 cm accuracy. Direct georeferencing enables efficient production of Point Cloud, Orthophoto and DSM products with minimal preparation work speeding up processing time. Typically sufficient accuracy is achieved even without measured ground control points. Post Processing Kinematic PPK is a highly accurate satellite positioning method. Using the PPK method reduces the required preparation time on site increasing cost-effectiveness. GeoDrone PPK enables the creation of dimensionally accurate end products from areas which would be difficult or even impossible to survey with traditional methods.