

Xrange 4G



DISCOVER - THE DRONE AHEAD

Integrated UAV Xrange-4G surpasses all other drone capabilities. With best in class range, endurance and usability XRange offers an eye-in-the sky in just minutes. With the **payload**, consisting of **thermal** and **HD camera**, it will help the pilot to accomplish diverse missions, including **Search & Rescue, Surveillance, inspections** and first response and **live stream the video to anyone around the globe** with access.

CLICK & GO GROUND STATION

Take off is just two clicks away in the all webbased Ground System. In the air; just point in the map to the desired location at a chosen height and the XRange will fly there autonomously without any manual stick input.

DUAL SENSORS

Equipped with HD- and Thermal Camera the XRange handles a lot of different tasks. Live video streams independently from both sensors to a secure server when operated via mobile network. Video is also accessible onboard after each flight. The Thermal camera enables flights with great visual control in harsh conditions like fog/smoke or in the dark. Heat source is visualized up to 1000 m line of sight distance.

3-5G CONNECTIVITY & LONG RANGE COMMUNICATION LINK

As a unique feature XRange is controlled via mobile network. This allows the operator not only a unlimited coverage but also to fly and watch live video from both sensors onboard from anywhere in the world. In harsh environment like disaster areas without any mobile connectivity the XRange can be equipped with an optional long range radio link. This solution offers a total range of 30 km. Regardless of the configuration XRange is operated via the intuitive web-based ground station.

TECHNICAL SPECIFICATIONS

WEIGHT (incl. supplied cameras)	2,45kg
ENDURANCE	Up to 60min (sensors included)
WIND TOLERANCE	12 m/s
ENVIRONMENTAL	-15°C to 50°C
TEMPERATURE RANGE	1500 ft. (450 m) AGL,
ALTITUDE	15000 ft. (4500 m) MSL
SIZE (LXWXH)	47x47x22 cm
BATTERY	Li-Ion 22,2V
HD CAMERA	1080p
THERMAL CAMERA	640px, 30Hz
CASE	55x55x30 cm
GROUND STATION	3G/4G/5G PC/Mac/
PLATFORMS	Linux/Android/iOS

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