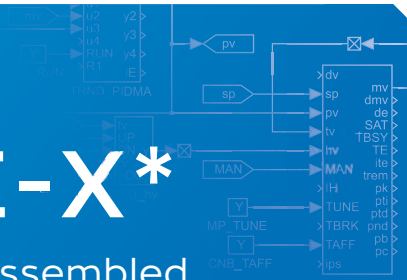




DRONE-X*

light portable pre-assembled
unmanned aerial system (UAS)



▲
DRONE-X8

DRONE-X* UAS is intentionally built for professional drone application developers to allow them to quickly get their applications into the air. Designed from the ground up to meet the needs of the UAS developers and researchers. This development platform can be easily customized and extended for various airborne tasks.

DRONE-X* Specifications

Quick Specification and Dimensions

Product name	DRONE-X4	DRONE-X8
Dimensions	57 x 53 [cm]	57 x 53 [cm]
Weight of drone	1.93 [kg] [†]	1.56 [kg] [†]
Maximal take-off weight	2.5 [kg] [†]	4 [kg] [†]
Maximal flight time	up to 15 [min] [†]	up to 15 [min] [†]
Wind sustainability	8 [m/s] [†]	10 [m/s] [†]

([†]) Estimated parameters depending on payload



Key Features and Benefits

- ▶ Fully reconfigurable architecture
- ▶ Autopilot based on open-source PX4
- ▶ REXYGEN powered companion computer with MAVLink communication
- ▶ RTK GNSS system based on U-blox M8P technology
- ▶ Precise indoor navigation system
- ▶ Software in the loop simulator

Available Payloads

- ▶ Depth camera sensor
- ▶ 2D Lidar sensor
- ▶ 1D Lidar range sensor
- ▶ Flow sensor
- ▶ Tow hook carrying system with active damping



▲
DRONE-X4