

X-5



★.The X-5 UAV flow measurement system consists of an X-5 quadcopter UAV, a flow measurement pod, and a handheld ground station. The system is simple and suitable for individual operation.

★.The flow measurement pod adopts a two axis mechanical stabilization structure, with embedded algorithm models to ensure accurate, stable, and reliable flow and water level measurements. It supports connection with UAV through quick release interfaces.

★.Using the handheld ground station to run the specialized flow measurement software VFlow, it is possible to import cross-sectional data files, automatically plan flow measurement routes, perform flow measurement operations, and generate measurement reports. It can be applied to multiple scenarios such as hydrological measurement, flood control and drainage, environmental pollution monitoring, etc.

