

# SPEEDIP



## FULLY AUTONOMOUS WAYPOINT WATER SAMPLING MISSION

Speedip V2 supports fully autonomous water sampling mission using DJI Pilot's Waypoint Function Take-off-> Fly to target location Sample at designated depth -> Return and land Making routine water sampling easier than never before

## ROPE TANGLING DETECTION MECHANISM

Automatically stops and warns the operator when the rope is about to tangle, minimizing the possibility of irreversible tangling

## GROUNDING DETECTION

Avoids & notifies about invalid sampling

## NEW SMART MOTION CONTROL LOGIC

Adjusts the container's movement speed based on the sampling stage, resulting in more representative water samples

## EMERGENCY RELEASING FUNCTION

Cuts the rope to free up the UAV to minimize loss when the container gets trapped

## ULTRA-LIGHTWEIGHT DESIGN

Main body weights only 540g, thanks to the use of magnesium alloy

## 2L MAX. SAMPLING VOLUME

Total weight including 2kg water is only ~2.7kg, within the max. payload limit of DJI M350 RTK

## BUILT-IN DOWNWARD FACING CAMERA

Starlight level performance, better situational awareness

## BUILT-IN HIGH-RESOLUTION MM-WAVE RADAR

1mm ultra-high resolution, accurately measuring water distance and container depth

## MOUNTING & DISMOUNTING WITHIN 10S

When integrated with DJI M350 RTK/M300 RTK

## MULTI-END OPERATIONS

DJI Pilot  
Web Platform

**GRIDX**  
metering and control