

Water Quality Monitoring Terminal Buoy System



Introduction

KACISE buoy system is specially developed for the field of surface water monitoring, suitable for online water quality monitoring of urban inland rivers and lakes.

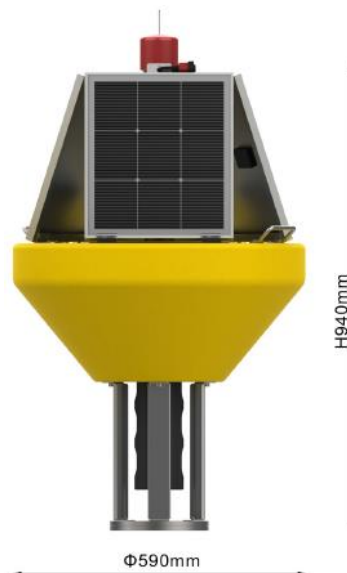
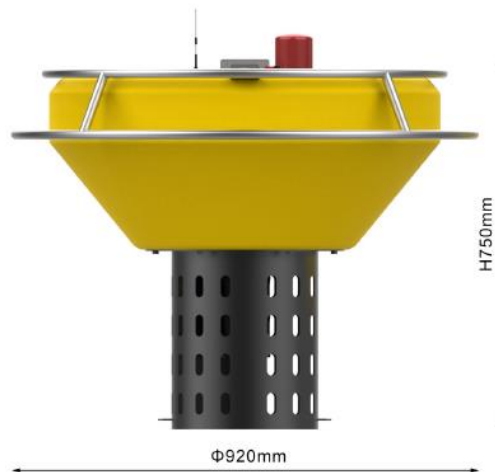
Feature

- Low center of gravity design, more stable and reliable
- Portable and compact, delivery can be completed without hoisting
- Multiple parameter sensors are optional, supporting KACISE fluorescence method dissolved oxygen, four-electrode conductivity, fiber optic oil level, chlorophyll blue-green algae, PH, ORP, NH4-N ammonia nitrogen, UV COD or oil in water sensor.
- Sensor with self-cleaning brushes for less frequent maintenance.
- GPRS, 3G, 4G or NB-IOT can be selected for data transmission.
- The mooring system is fixed by two sets of mooring anchors on the left and right to prevent the buoy from continuously rotating in the flowing water.
- Easy to maintain, it can be operated on a small boat, open the lock and turn over the solar panel, take out the sensor for maintenance or replacement, without having to carry the entire buoy system ashore.

Technical Specifications

Item	Small Buoy	Mini Buoy
Dimension	Φ920×750mm	Φ590×940mm
Weight	40kg	23kg
Solar panel power	40W	30W
Battery	12V, 54AH	
Material	PE casing, EVA filling, 316L, 304 stainless steel	
Wireless Transmission	GPRS, 3G, 4G or NB-IOT	
Sensor Supported	Multi-parameter Sensor COD sensor NH4-N sensor	Multi-parameter Sensor COD sensor NH4-N sensor

Dimensions



Installation

