

CUSTOMISAZATION LIST

1. Remote Terminal Unit

- To read the data from sensor and analyzer
- To control accessories such as light, pump, winch
- To send data to centralized location or to save the data

Multiple Wireless Options: • 3G/4G/5G • NB-IoT • LoRa / LoRaWAN • Wireless LAN • Low-Energy Bluetooth Highly Secure: • Embedded Firewall • TLS/SSL Supported • Hardware Assisted Encryption Multiple I/O Interfaces: • Digital Input / Output • Analog Input / Output • Solid-State Relay • Expandable IO Regulatory Approvals: • 2014/53/EU • 2014/30/EU • 2011/65/EU	
	
	
	
	
	

2. Analyzer and Sensor

- To collect environmental data from the site physically, automatically
- Different output available; RS485 / RS232 Modbus / SDI-12 / 4-20mA / 0-5V

Water Quality and Quantity Sensor

Radar Water Level Sensor	
Ultrasonic Water Level Sensor	
Pressure Water Level Sensor	
Underground Water Level Sensor	
Radar Flow Sensor	

pH Sensor / ORP Sensor	
Conductivity / Salinity Sensor	
Ammonia / Nitrate / Nitrite Sensor	
COD Sensor	
Oil and Grease / Chlorophyll-A Sensor	
Oil Spill Detector	

Weather and Metrological Sensor

Temperature and Humidity Sensor	
Laser Wind Sensor	
Wind Speed and Direction Sensor	
Metrological Sensor (PM2.5, PM10, CO2, ATM Pressure, Wind Speed, Wind Direction, Temperature, Humidity, Noise)	

3. Enclosure Housing

- Protect internal components from harsh environment
- Protect internal components from animal, theft and weather

Steel / Stainless Steel Enclosure IP66	
ABS Enclosure IP65	
Explosion Proof Enclosure	

4. Deployment Accessories

- Highly customisable accessories
- Take measurement at user pre-defined location
- Fully automatic
- Ability to operate at high-risk area

Sensor Attachable Drone	
Sensor Attachable UAV	
Sensor Attachable Underwater ROV	
Sensor Attachable Multi Depth Winch	