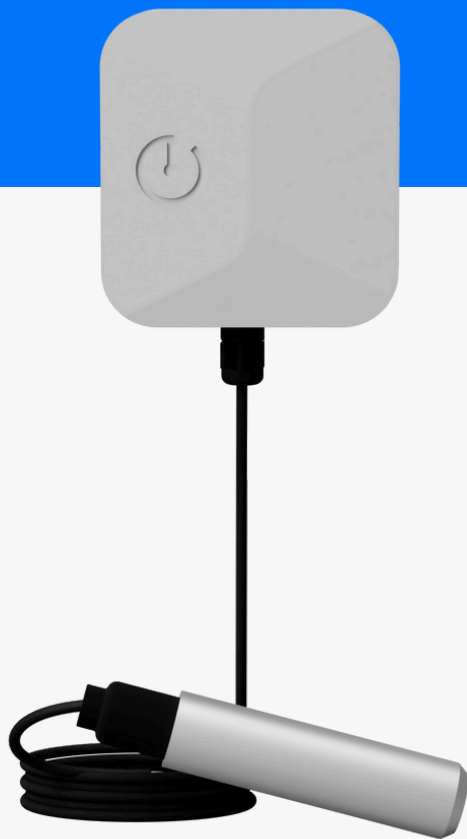


Alpha

Smart Water Level Monitoring Device



هیدروژین

Data Sheet

Safety Instructions

To avoid any damage to your device and injury to yourself or others, carefully read the following safety instructions before use:

- Ensure that all parts and accessories in the box are intact and meet the specifications provided
 - Make sure the work area is dry
 - If you smell any burning odor, immediately unplug the device from the power supply and then inspect the device.
 - To avoid risks resulting from high temperature, do not install the device at a temperature higher than 60°C
 - Do not pick up any parts that fall into the water tank and request the missing part from the manufacturer
 - Do not pass sharp objects over the wires connected to the device
 - If any part of the device is damaged, you must have it replaced by the manufacturer to avoid any risks
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Environmental Rating

- **Protection level:**
 - Alpha Enclosure - IP65
 - Level Sensor - IP68
- **Rated Temperature:** -20 – 60 °C
- **Elevation:** < 1900m

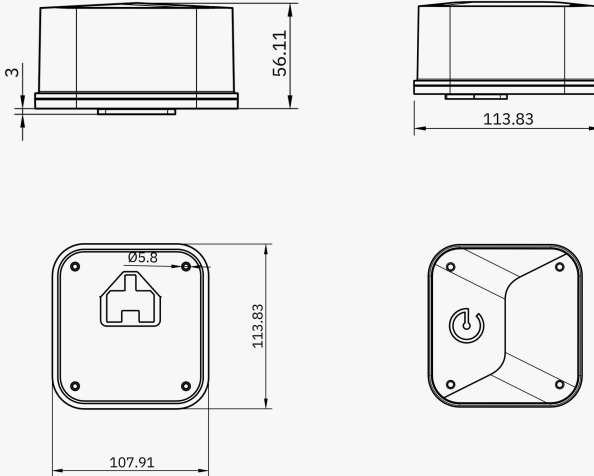
Size & Weight

- **Enclosure Dimensions :**

107.91mm (L) x 113.83mm (W) x 56.11mm (H)

- **Enclosure Weight:**

250g

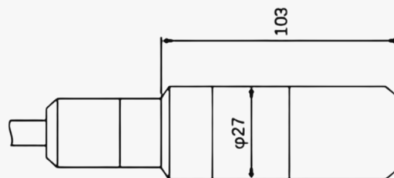


- **Level Sensor Dimensions:**

length 103mm, diameter 27mm, up to 50m cable*

- **Level Sensor Weight:**

1kg



* Dependent on Product Type

Measurement Specification

- **Measurement Accuracy:** $\pm 10\text{mm}$
 - **Measurement Range:** Up to 5m
 - **Measurement Medium:** Clean Water
 - **Level Sensor Technology:** Hydrostatic Pressure
 - **Level Sampling Rate:** Up to 60 Samples/Hour*
 - **Periodic Level Upload Rate:** Up to 12 Uploads/Hour*
-

Materials

- **Alpha Enclosure:** ABS-White
 - **Level Sensor:** 304 stainless steel
 - **Level Sensor shell:** 316L stainless steel
 - **Level Sensor Diaphragm:** 316L stainless steel
 - **Level Sensor Cable:** Polyurethane
-

Power

- **Input Power:** 100-240V, 50/60 Hz
 - **Consumption:** 2W, 400mA Average, 2A Max
-

Communications

- **Technology:** GSM/GPRS
- **Frequency Bands:** 850/900/1800/1900MHz

* Dependent on Product Type

Conditions of Trade

- Standard Alpha product is delivered with 5 meters pressure sensor and 8 meter connection wire
 - Additional connection wire length up to 50 meters is attached to the box based on customer's request
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Warranty

This product has two years warranty starting from the date of purchase. The warranty covers:

- Any defects in the materials used to manufacture this product
- Any manufacturing defects under normal use of the device
- Any broken components inside the package

The warranty does not cover:

- Product damage or any of its components resulting from negligence
- Product damage resulting from unauthorized product modification
- Theft or loss of the product

If the product under warranty period:

The company will repair the product without any costs, replace the broken parts of the product using new or replacement spare parts, or replace the entire product with a new product, or you will receive full or partial compensation for price of the product



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