

LimniDB[®]-RADAR

Radar Water Level Sensor



LimniDB[®]-RADAR

Water level sensor



APPLICATIONS



Hydrology



Meteorology



Agrometeorology



Sun



Wind

OVERVIEW

It is usually installed in bridges or secure structures and measures the height of the water surface without any contact. It is safe, easy to use and requires low maintenance. It has temperature compensation and good accuracy.

SPECIFICATIONS

Measurement Range

0 to 35 m;

Resolution

± 1 mm

Maximum accuracy

± 2 mm @ -40 to 80°C

Operating Range

-40 to 80°C | 0 to 100% UR

Radiation angle

Up to 8°

Supply Voltage

8 to 28 Vdc

Optional output

SDI-12 - Modbus RS-485

Range frequency

FMCW 80 Ghz technology

Protection

IP68

PRODUCT DETAILS

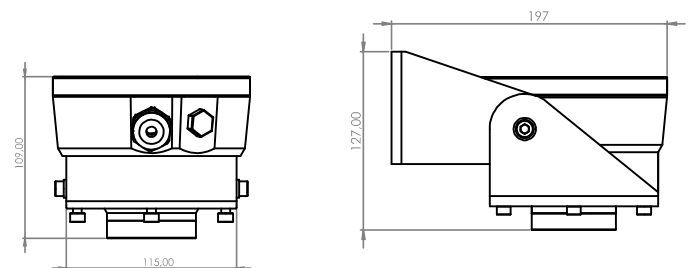
- Aluminum IP68 body;
- SDI-12 and Modbus signal output;
- Transmission by microwave pulses;
- Polyurethane cable with UV filter and Kevlar;
- Customized cable size;
- Easy installation.

- **LimniDB[®]-RADAR-35:** Measuring range 0 to 35 m - SDI-12 and Modbus;
- **LimniDB[®]-RADAR-E:** Available in special versions. To order please contact us.



Features may change without prior notice. Sep/2023

DIMENSIONS



MANUFACTURER



Manufacturer: Dualbase Tecnologia Eletrônica LTDA.

Brand: Dualbase

Model: LimniDB[®]-RADAR

Type: Radar water level sensor

REPRESENTATIVE