



AZUD DLOG 200

AZUD DLOG 600

+ Monitoring

The sensors of the AZUD DLOG Weather Station measure various meteorological parameters: radiation, humidity, temperature, wind speed and amount of rain.

These climatic variables are recorded in the monitoring equipment of the AZUD DLOG range: AZUD DLOG 200 and AZUD DLOG 600.

+ Main features

- ▶ Available sensors: radiation, temperature and humidity, pluviometer and anemometer.
- ▶ Easy installation.



AZUD DLOG Weather Station Holder



The AZUD DLOG Weather Station holder attaches to the mast of the AZUD DLOG 200 and AZUD DLOG 600 monitoring equipment.

The holder does not include: sensors, pole and monitoring equipment.



+ Technical data

TEMPERATURE AND HUMIDITY SENSOR

Measures temperature and ambient humidity in the open field.

Sensor Weather RH and Temp. SDI-12

Power	12-24 VDC
Output	SDI-12
Work Temp.	-40 / +80 °C

Temperature

Range	-40 / +60 °C
Resolution	0.1 °C
Accurate	±0.5 °C

HR

Range	0 / 100%
Resolution	0.5 °C
Accurate	±3 °C



PLUVIOMETER

Measures the quantity of rain in liters per m².

Pluviometer

Output	Voltage free contact
Sensor	Self-emptying spoon
Rain pulse	1 l/m²



SOLAR RADIATION SENSOR

Provides instantaneous radiation measurement.

AZUD DLOG SUNA sensor

Power supply	5-24 VDC
Output	SDI-12
Spectrum	300 / 1100 nm
Range	0 / 1500 W/m²
Response time	≤ 5 s
Correction	≤ ±10 % (solar elevation angle = 10°)
Non linear	≤ ± 3 %
Temp. effect	± 0.08 %/°C
Stability	≤ ± 2 %/year
Work Temp.	-40 / +80 °C



ANEMOMETER

Measures wind speed.

Anemometer

Power supply	3 – 24 VDC
Maximum intensity	24 mA
Output	Frequency (pulses)
Measurement range	3 – 180 km/h
Starting speed	8 km/h
Maximum speed	200 km/h
Accuracy	1 km/h (3 – 15 km/h) 3 % (15 – 180 km/h)
Ice-free operating Temp.	-20 / +80 °C



* SISTEMA AZUD, S.A reserves the right to change the characteristics of these products without prior notice.