

AZUD DLOG



Autonomous datalogger equipment for real-time monitoring of weather, soil and irrigation system operating parameters.



Technical characteristics

- **Key attribute:** Real-time monitoring
- **Supply system:** Solar panel
- **Signal type:** Inputs: 2 analog, 2 digital and 2 SDI-12
- **Models:** Datalogger equipment and Weather station

Unique selling points



Sustainability

Self-sufficient power supply system through solar panel, with no external energy consumption



Precision

It includes integrated humidity and temperature probe, with real-time reading through an intuitive digital platform

In its meteorological version, it allows the integration of all key weather parameters in a single support



Robustness

Designed for outdoor environments and adverse weather conditions

Product range

Model	AZUD DLOG 600e
Power supply	Self-sufficient with a solar panel and battery
Connection type	Quick connector
Number of connectors	6
Digital inputs	2
Analog inputs	2
SDI-12 inputs	2
Environment temperature and humidity probe	Integrated
Calculation of agronomic variables	Evapotranspiration (ETo and ETc), vapor pressure deficit (VPD), water deficit (WD), dew point and chill hours accumulation .

SIM card not included.

Access the Ucrop platform to view readings in real time.

WEATHER STATION - What does it include?

Model	AZUD DLOG 600e
Pluviometer	Digital
Solar radiation probe	SDI-12
Anemometer	Digital



Technical data - Rain gauge

Sensor type	Rain gauge
Measurement system	Self-emptying bucket (tipping bucket)
Resolution	0.1 mm per pulse
Accuracy	± 2 %
Collection area	200 cm ²
Tipping time	< 300 ms
Output type	Voltage-free contact (reed switch)
Material	UV-resistant ASA. Electrical protection with anti-corrosion varnish.

Designed for precise precipitation monitoring in automated agricultural facilities.



Technical data - Solar radiation sensor

Sensor type	Solar radiation sensor
Power supply	12 – 24 VDC
Output	SDI-12
Connection	V+: red / V-: green/black / Data: yellow
Spectrum	300 – 1100 nm
Range	0 – 1500 W/m2
Response time	≤ 5 s
Correction	≤ ±10% (solar elevation angle)
Non-linear	≤ ± 3 %
Temperature effect	≤ ± 2 %/year
Stability	≤ ± 2 %/year
Working temperature	-40 – +80 °C
Material	Aluminum alloy
Protection	IP65

The sensor must be installed outdoors without any covering and must be mounted horizontally



Technical data - Anemometer

Sensor type	Anemometer
Power supply	3 - 24 VDC
Output	Frequency (pulses)
Range	3 - 180 Km/h
Start-up speed	8 Km/h
Maximum speed	200 Km/h
Accuracy	1 Km/h (3 - 15 Km/h) / 3% (15 - 180 Km/h)
Storage temperature	-35°C a 80°C
Operating temperature (ice-free)	-20°C a 80°C
Degree of protection	IP65 (UNE 20324:1993)
Material	PA + FV
Bearing material	Stainless steel

It indicates wind speed, ideal to be used at any type of agricultural installation.

Related products



AZUD QGROW flex



AZUD QGROW logic



AZUD SENSE

