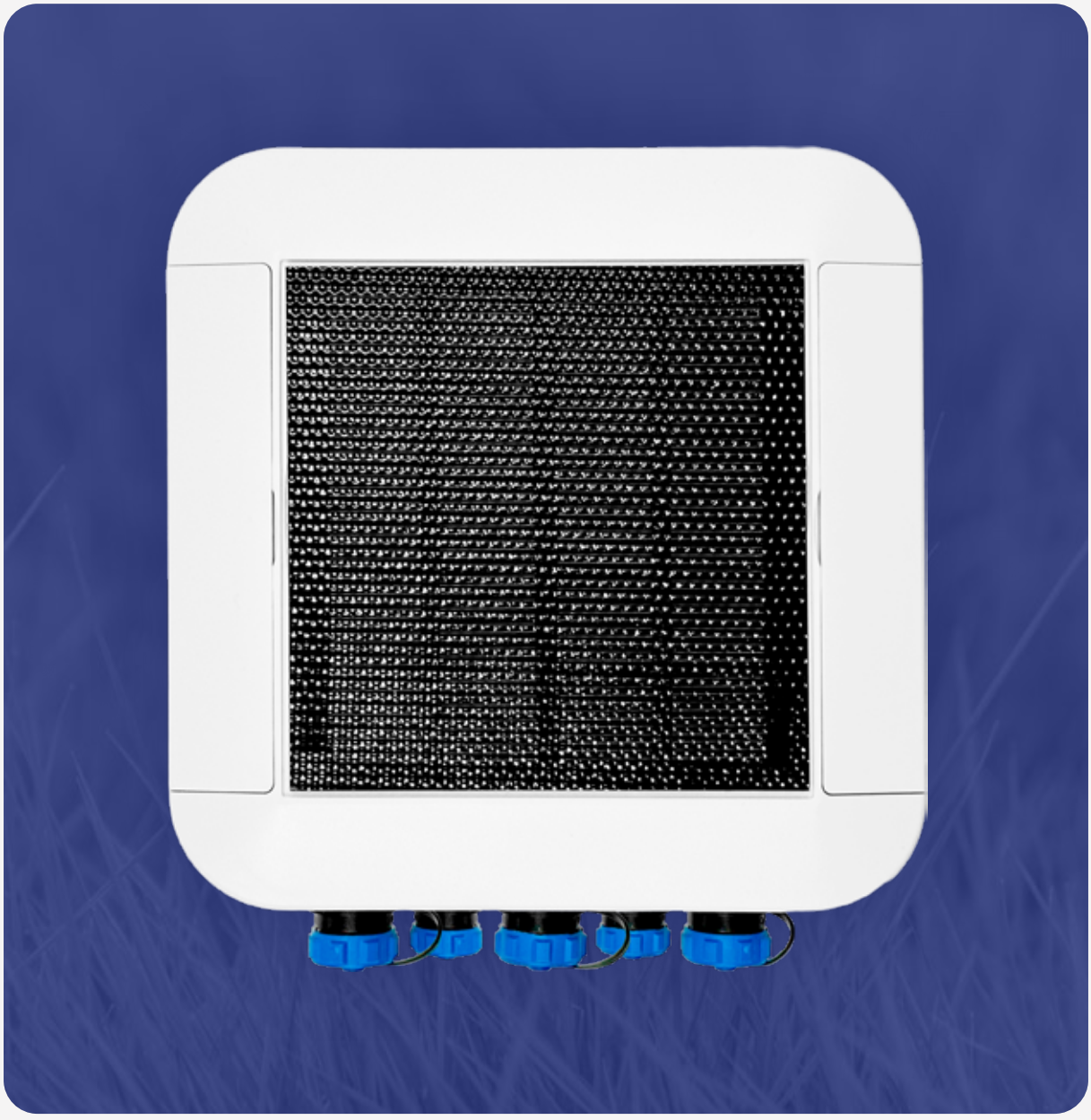
Atlas+ 4

DATASHEET

IoT-based Solution for
Complex Water Systems



SPHERAG

Atlas+ 4

Iot-based Solution for Complex Water Systems

SPH-ATP4-XX

Overview

The ATLAS + IoT-based solution developed by Spherag enables intelligent and integrated management of complex water or irrigation systems: monitoring, automation and programming.

Outputs: max. 20m / Inputs: max. 1m

x2 Cables

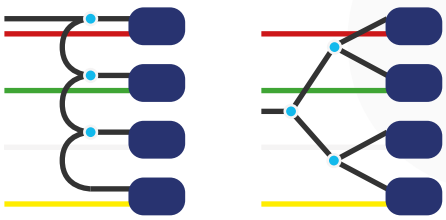
Wire color	OUT A	IN
Black	COM	COM
Red	Out 1	In 1
Green	Out 2	In 2
White	Out 3	In 3
Yellow	Out 4	In 4

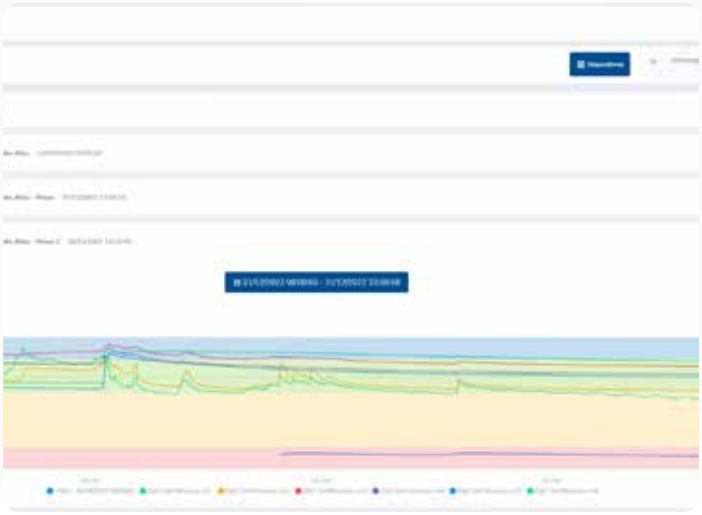
x1 I2C

Pressure Sensor

Connections

We recommend the use of resin-filled waterproof connectors, and to terminate non-connected cables with them to prevent oxidation.





Mechanical specifications	Device dimensions	**165 x 150 x 55 mm**
	Device weight	**490 g**
	Material	**ASA**
	Operating temperature	**-20°C to 50°C**
	Accessories	**2 IO cables (1 m)**
		Quickstart guide
General specifications	Inputs	**4 (flowmeter or digital input)**
	Outputs	**4 (latch relay or latch solenoid)**
	Output voltage	**14 V**
	Sensor input	**Up to 4 (I2C)**
	Remote configuration	**Via Spherag Platform**
	Visual indicator	**LED (status)**
	Uplink communications (sensor)	**1 h ***
	Uplink communications (others)	**Asynchronous**
	Downlink communications	**Asynchronous**
Connectivity	Wireless communicatiosn	**GPRS, NB-IoT, LTE-M**
	Antenna	**Internal**
	SIM card	**Provided within the device**
Power specifications	Power supply	**Embedded 1.5 W solar panel ****
	Internal battery	**LiPo 5000 mAh**
Sensors	Pressure sensor	**I2C (30 bar)**
Certifications	Europe	**CE, european conformity**

* Consult with us to learn about other uplink communication options

** Also available through external power source