IOT
AONCHIP

Aonchip is a technology company devoted to the design and manufacture of IoT devices. They are experts in automation and control in LPWA environments.

They have various devices controlled by LoRaWAN to resolve problems such as managing irrigation systems in parks and gardens.

www.aonchip.com

RELAY BOX - REMOTE CONTROL VIA LORAWAN NETWORKS

Relay Box is a LoRaWAN smart load control system.

Areas of application:
- Control of fountains, showers, engines
- Ventilation control (opening and closing of windows, etc.) operated in closed loop with a CO_2 meter
- Any type of industrial and domestic automation (doors, windows, blinds, lighting control, swimming pools, etc.)

It is compatible with LoRaWAN and stands out for the following **characteristics**:
- Wider activation range: the remote panel controls up to 480Vac of switching supply
- Two devices for better performance:
  > Relay Box – ready to be deployed inside the panel or near the load, to avoid electrical hazards Two inputs to be connected to the control unit:
  > Two NO relay outputs
  > Maximum switching voltage of up to 480Vac
  > Output protected against overvoltage (inductive loads)
  > CAT III electrical safety rating
  > Designed according to UL, VDE and IEC safety requirements
  > External control unit: for maximum coverage. Two outputs can be connected to the relay box:
    - Start and stop output to control water pumps, electrical motors, etc.
    - Activation programme at 15-minute intervals
    - Long-life batteries
    - NFC interface for commissioning and maintenance

Scope of smart destination application	Solutions for destinations in the following areas	Type of solution
Technology **Sustainability**		