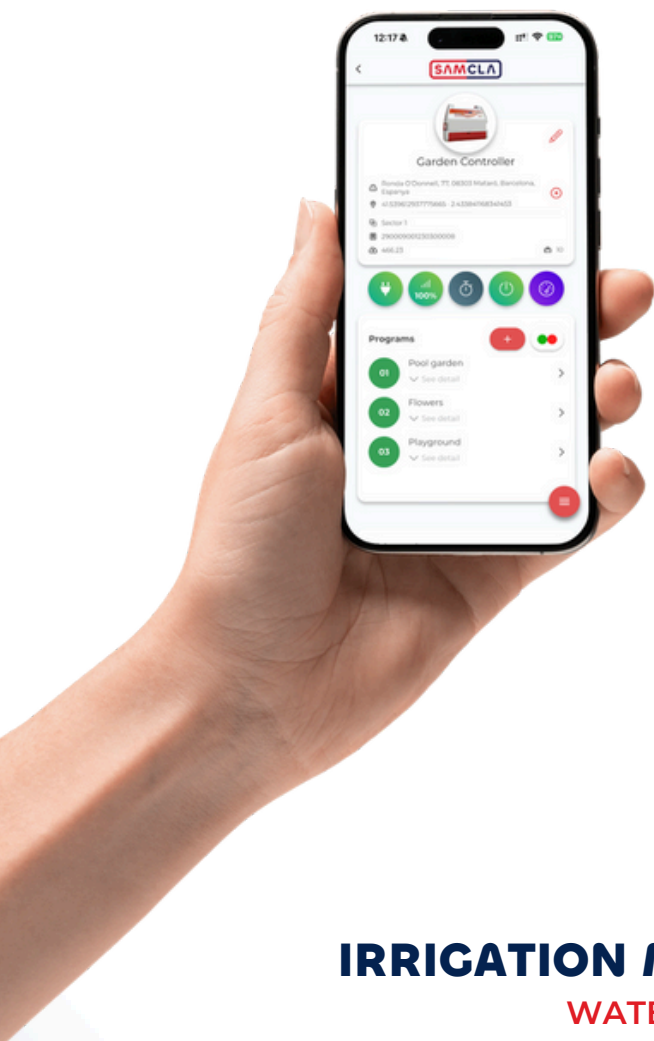




by IREX



**IRRIGATION MANAGEMENT SYSTEMS**  
WATER SAVING SOLUTIONS



**2026**



**MORE THAN 400  
MUNICIPALITIES  
WORLDWIDE**  
rely on us for their  
smart and sustainable  
irrigation

### PARKS AND GARDENS:

Remote control of irrigation and water consumption with water savings exceeding 40%

### MUNICIPAL SERVICES

Control and digitalization of maintenance tasks, paperless and with cloud data available instantly

### DRIVING SUSTAINABILITY

for today's and tomorrow's cities



## PRIVATE SECTOR



### HOTELS, SPORTS & RESIDENTIAL AREAS

**Irrigation controllers**  
for gardens, golf courses, football pitches, equestrian fields...

**Water meters**  
for irrigation, swimming pools, showers...  
with leak detection and real-time consumption data

**Lighting controllers**  
for tourist resorts, sports courts, and residential areas

**Digitalization and monitoring**  
for maintenance tasks control



### AGRICULTURE

**Remote control**  
Irrigation and water consumption

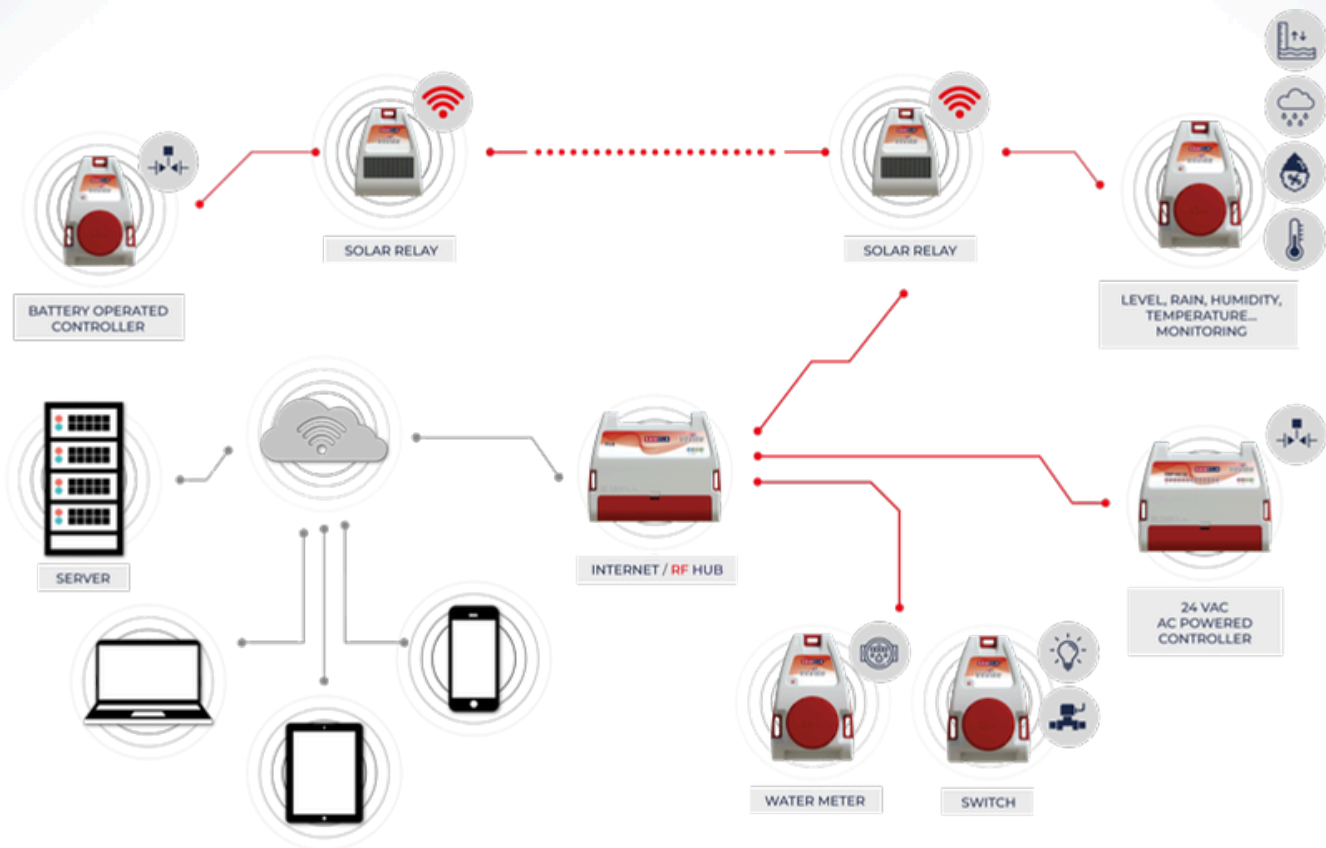
**Sensing**  
Rain, wind, humidity, well and tank level...

**Monitoring**  
Greenhouses, crops, machinery, labor tracking...



**INNOVATIVE SOLUTIONS**  
delivering efficiency and savings





## EASY MANAGEMENT

- Cloud-based access from any PC, tablet, or smartphone
- Bluetooth® connectivity
- Unlimited daily connections

## REAL-TIME OPERATION

- 100% operational even if the Internet connection is unavailable.
- Permanent Cloud Sync between the HUB and the server via Wi-Fi, Ethernet, 4G, 5G...
- All devices connect to the HUB via license-free Radio Frequency bands

## LONG RANGE

- Up to 6 km in open area
- Up to 6 chained relays
- Unlimited controllers and sensors per HUB







## CUSTOMIZABLE CONFIGURATION

- Advanced User & Permissions Management
- Multi-language & Multi-application

## DATA CONTROL

- Device Management: irrigation scheduling, manual or automatic activation, location...
- Creating controller groups with simultaneous or sequential programs.
- Alarm and incident management
- User activity logs for all actions performed
- Data charts and historical records

## ADVANCED COMPATIBILITY

- Synchronization between SAMCLA field-work applications
- Seamless integration with third-party and corporate platforms
- SMART CITY compatibility



### COMPACT DESIGN

Suitable for any location





### EASY TO INSTALL

No works or wiring


### MAINTENANCE-FREE

Over 2-year battery life

#### POWER SUPPLY :

-  AC powered
-  Battery (2 x 1,5v AA incl.)
-  Built-in solar panel
-  No power supply required

#### COMMUNICATION :

-  Radio Frequency (RF)
-  Wi-Fi
-  Ethernet
-  4G, 5G...
-  Bluetooth®
-  NFC



# NETWORK EQUIPMENT

## HUB

### HUB

Ref. HUB412B8P

Internet connection via Wi-Fi / Ethernet / 4G, 5G...

Local connection via Bluetooth®

Unlimited number of controllers and sensors per HUB

230VAC power supply included



## ROUTER 4G / ETHERNET

SIM card + 4G router + 10-year connectivity included

New  
2026

### RTR

Ref. RTR430SSP



### RTR S

Ref. RTR436SSP

RTR + Solar Kit

\*Solar panel +  
charge controller +  
batteries



## RELAY

### REP

Ref. REP006B8P

Built-in solar panel

Maintenance-free

- Up to 6 chained RELAYS
- Up to 6km range in open area
- Unlimited terminal devices per REP
- Full battery recharge via solar panel

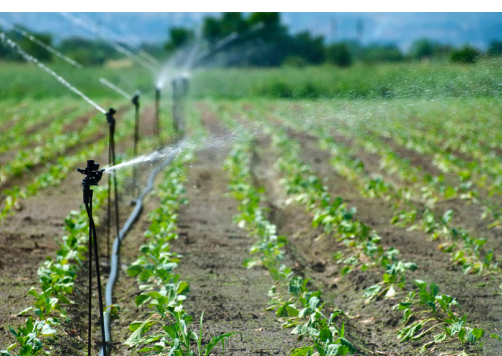




# IRRIGATION CONTROLLERS

AC POWERED, BATTERY & SOLAR PANEL OPERATED

- **Internet** management (through the HUB) or directly via **Bluetooth®**
- Up to **100 irrigation programs** stored in memory (via HUB connection)
- Up to 4 resident programs and 6 start times per program
- Maximum station run time: 23h 30min
- Up to 4 simultaneous stations and 5 wireless shut-off sensors per station
- Water Budget function: 0% – 200%
- Operation modes: Run / Stop / Pause
- Irrigation modes: Standard / Cyclic / On-demand / Master Valve / Safety Valve
- **Unlimited controller chaining**, with programs **up to 6 days long**
- **Configurable delay** between stations
- Real-time alarms and historical data logs





# IRRIGATION CONTROLLERS

## AC POWERED

### SBP 00 04 / 08 / 12

Ref. SBP052B8P (4 stations)

Ref. SBP092B8P (8 stations)

Ref. SBP0D2B8P (12 stations)

24VAC solenoids

Master valve / Pump

230VAC power supply included



## AC POWERED WITH WATER METER

### SBP 02 04 / 10

Ref. SBP252B8P (4 stations)

Ref. SBP2B2B8P (10 stations)

24VAC solenoids

Master valve / Pump

Water meter

230VAC power supply included



# IRRIGATION CONTROLLERS

## BATTERY OPERATED

### SBP 01 01 / 02 / 04 / 06 L

Ref. SBP110B8P (1 station)  
Ref. SBP120B8P (2 stations)  
Ref. SBP140B8P (4 stations)  
Ref. SBP160B8P (6 stations)

9 VDC Latch solenoids



## BATTERY OPERATED WITH WATER METER

### SBP 02 01 / 02 / 04 L

Ref. SBP210B8P (1 station)  
Ref. SBP220B8P (2 stations)  
Ref. SBP240B8P (4 stations)

9 VDC Latch solenoids  
Water meter



## SOLAR PANEL OPERATED

### SBP 01 01 S

Ref. SBP116B8P (1 station)

9 VDC Latch solenoids





# SENSORS

GENERAL PURPOSE, SOIL MOISTURE, TEMPERATURE, RAIN ...

- **ON/OFF or analog (4-20mA) sensors**
- Automatic activation / cut-off
- ON / OFF operations: automatisms, greenhouses, heaters, lighting, awnings, swimming pools...
- Instant reading: remote or Bluetooth®
- Historical data
- Real time alarms and warnings
- Easy installation: no calibration needed
- Safety during adverse weather conditions
- **Unlimited sensors** allowed



# SENSORS

## GENERAL PURPOSE - ON / OFF

Intended for any ON/OFF dry contact output sensor

**SBS 01 00 S**

Ref. SBS106B8P



**SBS 01 00 B**

Ref. SBS100B8P



## SOIL MOISTURE

Soil moisture probe included

Replacement probe available Ref. OEM006SSP

**SBH 01 00 S**

Ref. SBH106B8P



**SBH 01 00 B**

Ref. SBH100B8P



## TEMPERATURE

Temperature probe included

Replacement probe available Ref. OEM008SSP

**SBT 01 00 B**

Ref. SBT100B8P



## RAIN

Intended for any tipping bucket rainfall sensor (not included)

Rainfall sensor available Ref. OEM002SSP

**SBR 01 00 R**

Ref. SBR106B8P





# SENSORS

## GENERAL PURPOSE - ANALOG

Intended for any 4-20mA analog sensor

**SBA 03 00**

Ref. SBA302B8P

Up to 3 sensors

Plug-in 230VAC power supply included



## PROBES FOR SBA

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**Air humidity & temperature sensor**

Ref. OEM001SSP



**Level sensor\***  
(up to 20m of cable)

Ref. OEM003SSP

\* Piezo type



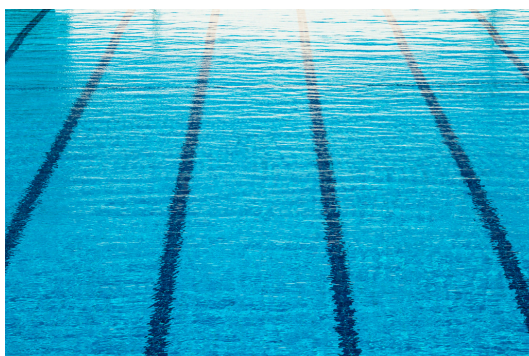
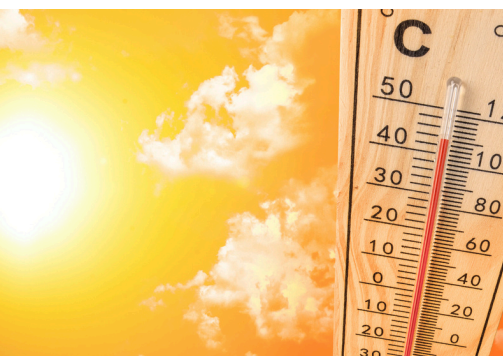
**Anemometer**  
(180 km/h - 20m cable)

Ref. OEM004SSP



**Pressure sensor**  
(10Bar)

Ref. OEM005SSP





# SENSORS

## MAINTENANCE MONITORING

### TAG

3cm diameter device to identify maintenance targets

NFC technology

No batteries or maintenance & water resistant

- **Public:** urban furniture, monuments, fountains, hydrants, playgrounds, trees...
- **Private:** hotels and sports facilities, theme parks, offices, buildings...
- **Agriculture:** greenhouses, harvests, tractors and machinery, work shifts...
- **Easy** installation on any structure or physical support
- Custom forms, users, permissions...
- **Automatic** data (forms, images...) uploading to the cloud
- Time and paper **savings**



# HUB + CONTROLLER

Infinite

## HUB COMPACT

Ref. HUB519B8P

### HUB

Internet (Wi-Fi) or Bluetooth® connection

Up to 32 wireless devises per HUB

### + CONTROLLER

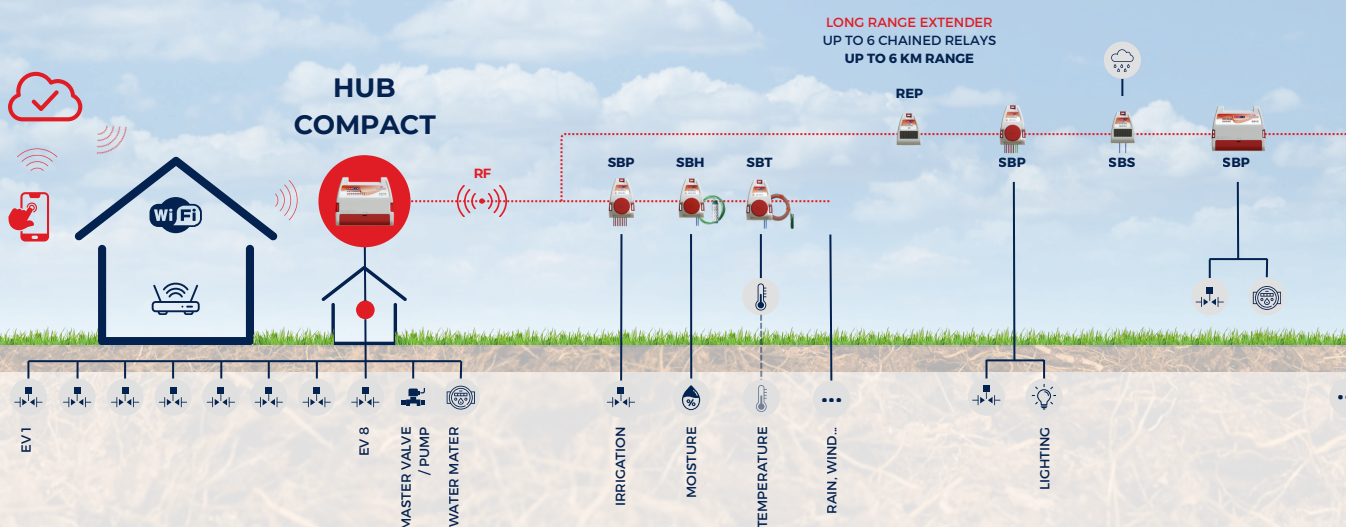
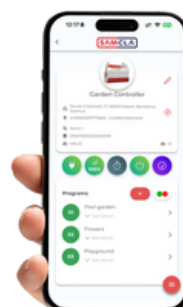
8 stations

Para solenoides 24VAC

Master valve / Pump

Water meter

230VAC power supply included



SAMCLA



## SYSTEM



## HIGH TECHNOLOGY

9V solenoid valve activation with up to 200m of cable  
Instant irrigation activation, even without a smartphone  
Anti-theft system

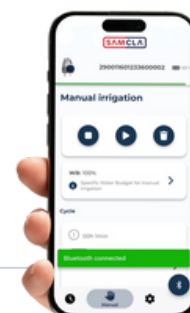
## VERSATILE

Up to 4 programs with 6 start times per program  
Up to 4 simultaneous irrigation stations  
3 activation levels available  
Configurable delay between solenoid valves  
External sensor connection (wind, rain, temperature, etc.)  
“Water Budget” function: 0%–200%  
LED activity indicator

## EASY & SUSTAINABLE

**Battery devices with over 3 years battery life**

Built-in solar panel devices  
Free App



### POWER SUPPLY :

- Battery (2 x 1,5v AA not incl.)
- Built-in solar panel

### COMMUNICATION :

- Bluetooth®





# IRRIGATION CONTROLLERS



## FOCUS

### Battery operated

Ref. SBP110C2F (1 station)  
Ref. SBP120C2F (2 stations)  
Ref. SBP140C2F (4 stations)  
Ref. SBP160C2F (6 stations)



## FOCUS **K**

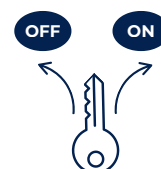
New  
2026

### KEY / PUSHBUTTON ACTIVATION

Manual irrigation activation via external dry contact

Local cutoff sensor available for 1/2/4 station models

Magnet activation not available



### Battery operated

Ref. SBP210C2K (1 station)  
Ref. SBP220C2K (2 stations)  
Ref. SBP240C2K (4 stations)  
Ref. SBP160C2K (6 stations)



## SWITCHES FOR FOCUS

**K**



**Key switch**  
Ref. SWI011SSP



**Push button switch**  
Ref. SWI010SSP



FOCUS 

## AGRICULTURE

Available irrigation modes: cyclic and standard

Option to use the EV 1 as a master EV\*

\*For 2 / 4 / 6 station models

New  
2026



### Battery operated

Ref. SBP110C2A (1 station)

Ref. SBP120C2A (2 stations)

Ref. SBP140C2A (4 stations)

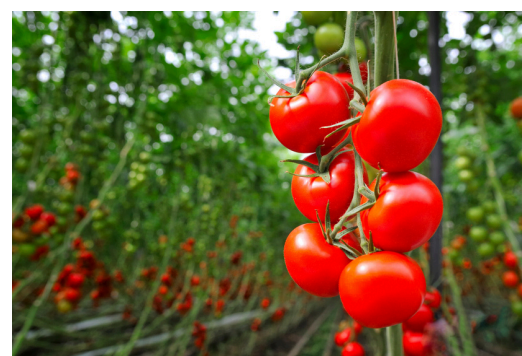
Ref. SBP160C2A (6 stations)



### Built-in solar panel operated

Ref. SBP116C2A (1 station)

Ref. SBP126C2A (2 stations)





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WATER SAVING SOLUTIONS





ALWAYS ONE STEP AHEAD

