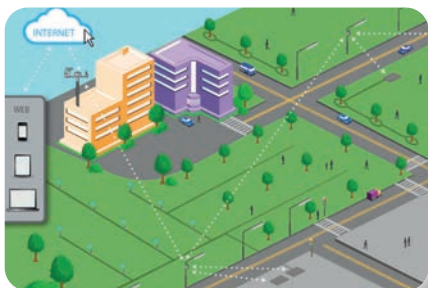


Technical Data

Samcla >

> SmartPro Remote Control

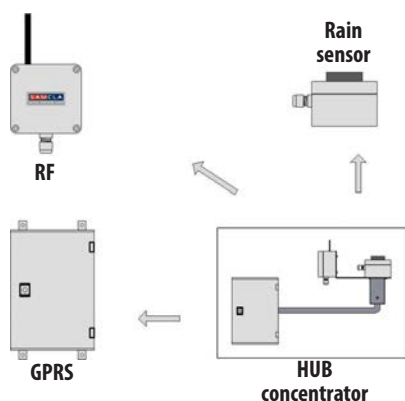


DESCRIPTION:

Application

- In residential areas, agriculture and municipalities or where remote control of the irrigation system is necessary or multiple systems need to be managed in an integrated way

Code	Description
OPG435	HUB CONCENTRATOR Wi-Fi/Rf



> Hub Concentrator

DESCRIPTION:

System equipment

- **CONCENTRATION UNIT (HUB)**
 - The unit communicates via the mobile phone (with any operator) with the SAMCLAWEB server which is a management software
 - Concentrating unit incorporates the various SAMCLA rain sensors

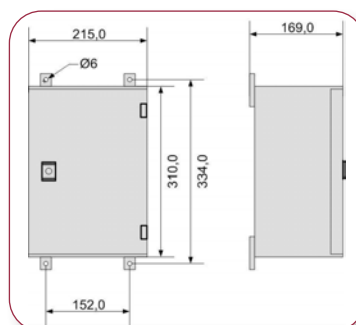
BOX GPRS:

Mechanical characteristics

- Body: Polycarbonate
- Support: Polycarbonate
- Protection: IP66
- Operating temperature: $-15^{\circ}\text{C} \div 50^{\circ}\text{C}$
- Approximate weight: 2.600 g

Electrical characteristics

- Power supply voltage: 230V AC 50/60 Hz
- Stand by consumption: 180 mA
- Consumption at start-up: 360 mA (MAX)
- Power: 4,32 W



COMPLIES WITH:

Directive	Norm
1999/5/EC	EN 301 511 V9.0.2
1999/5/EC	EN 60950-1:2006
2004/108/EC	EN 55011:2009
2004/108/EC	EN 61000-6-2:2005

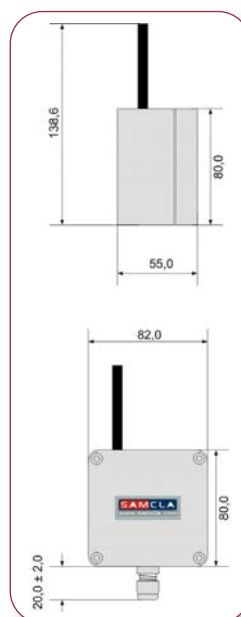
ANTENNA MASTER RF:

Mechanical characteristics

- Body: ABS
- Support: Fe
- Protection: IP68 – 1m
- Operating temperature: $-15^{\circ}\text{C} \div 50^{\circ}\text{C}$
- Approximate weight: 500 g

Electrical characteristics

- Power supply voltage: 12V DC
- Consumption: 25 mW
- Output Type: Series
- Maximum cable length: 20 m
- Short circuit protection: yes



COMPLIES WITH:

Directive	Norm
1999/5/EC	EN 300 220-2 V2.4.1, Class 3 receiver
1999/5/EC	EN 301 489-1 V1.9.2
1999/5/EC	EN 301 489-3 V1.4.1
1999/5/EC	EN 60950-1:2006
1999/5/EC	EN 62311:2008

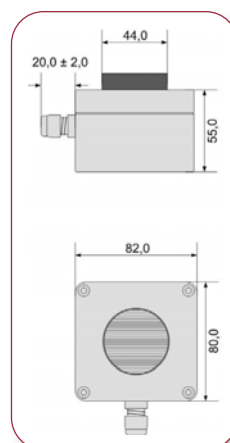
SENSORE PIOGGIA:

Mechanical characteristics

- Body: ABS
- Support: Fe
- Protection: IP68 – 1m
- Operating temperature: $-15^{\circ}\text{C} \div 50^{\circ}\text{C}$
- Approximate weight: 500 g

Electrical characteristics

- Power supply voltage: 24V DC
- Consumption: 2 W
- Output type: voltage free switched
- dry contact
- Maximum output charge: 24V / 1A
- Short circuit protection: yes



COMPLIES WITH:

Directive	Norm
2004/108/EC	EN 61000-6-2:2005
2004/108/EC	EN 61000-6-3:2007
2006/95/EC	EN 60950-1:2006

Technical Data

Samcla >

Code	Description
OPG437	B radio repeater

> Radio Repeater



DESCRIPTION:

System equipment

• REPEATER

Repeater acts as a communication bridge between the

concentrator unit and SamclaBox when the distances are too great or to avoid physical obstacles (buildings)

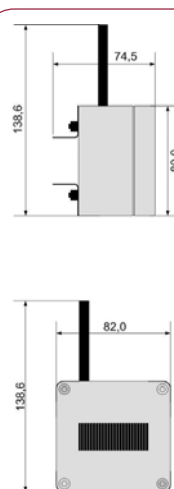
REPEATER:

Mechanical characteristics

- Body: ABS
- Support: stainless steel
- Protection: IP68 - 1m
- Operating temperature: $-15^{\circ}\text{C} \div 50^{\circ}\text{C}$
- Approximate weight: 500 g

Electrical characteristics

- Power supply voltage: solar
- Consumption: solar
- Short circuit protection: yes
- Polarity protection: yes



COMPLIES WITH:

Directive	Norm
1999/5/EC	EN 300 220-2 V2.4.1, Class 3 receiver
1999/5/EC	EN 301 489-1 V1.9.2
1999/5/EC	EN 301 489-3 V1.4.1
1999/5/EC	EN 60950-1:2006
1999/5/EC	EN 62311:2008

Code	Description	
OPG438	SamclaBox 1 station CC	
OPG439	SamclaBox 2 stations CC	
OPG440	SamclaBox 4 stations CC	

> Samclabox CC

DESCRIPTION:

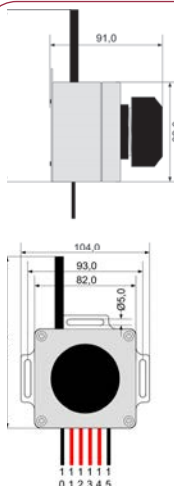
System equipment

• SAMCLABOX

- Samclabox allows you to control the solenoid valves and other devices from remote positions with respect to the position of the device itself; it can be used in various functions such as: programmer/switch/volume

reader and installed in any container

- Samclabox works autonomously with batteries and communicates with the remaining devices through radio frequency (free)



SAMCLABOX CC:

Mechanical characteristics

- Body: ABS
- Support: stainless steel
- Protection: IP68 - 1m
- Operating temperature: $-15^{\circ}\text{C} \div 50^{\circ}\text{C}$
- Approximate weight: 500 g

Electrical characteristics

- Power supply voltage: 9V DC
- Consumption: 6LR61 / 1604A alkaline battery
- Output Type: 9V DC Latch
- Short circuit protection: yes
- Polarity protection: yes
- Local test (magnet): yes

COMPLIES WITH:

Directive	Norm
1999/5/EC	EN 300 220-2 V2.4.1, Class 3 receiver
1999/5/EC	EN 301 489-1 V1.9.2
1999/5/EC	EN 301 489-3 V1.4.1
1999/5/EC	EN 60950-1:2006
1999/5/EC	EN 62311:2008

Code	Description	
OPG441	SamclaBox 4 + 1 stations AC	

> Samclabox AC

DESCRIPTION:

System equipment

• SAMCLABOX

- Samclabox allows you to control the solenoid valves and other devices from remote positions with respect to the position of the device itself; it can be used in various functions such as: programmer/switch/volume

reader and installed in any container

- Samclabox works autonomously with 24V AC and communicates with the remaining devices through radio frequency (free)

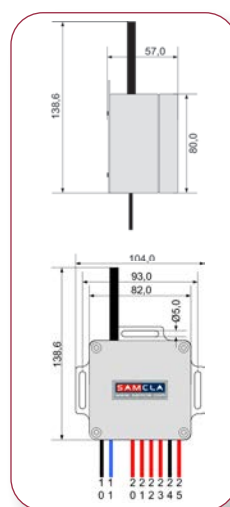
SAMCLABOX DC:

Mechanical characteristics

- Body: ABS
- Support: stainless steel
- Protection: IP68 – 1m
- Operating temperature: $-15^{\circ}\text{C} \div 50^{\circ}\text{C}$
- Approximate weight: 500 g

Electrical characteristics

- Supply voltage: 24V AC 50-60Hz
- Consumption: 10 mA (Max 1A)
- Output type: 24V AC Latch
- Short circuit protection: fus 1A / F
- Local test (magnet): yes



COMPLIES WITH:

Directive	Norm
1999/5/EC	EN 300 220-2 V2.4.1, Class 3 receiver
1999/5/EC	EN 301 489-1 V1.9.2
1999/5/EC	EN 301 489-3 V1.4.1
1999/5/EC	EN 60950-1:2006
1999/5/EC	EN 62311:2008

Code	Description
OPG442	SamclaBox RELAY



> Samclabox Relay

DESCRIPTION:

Samclabox devices

• Switch Functions (9V DC):

it can be connected to any irrigation programmer, to any hydraulic element or to those that are part of

the street furniture (springs, fountains, pumps, etc.); allows the device to be turned on or off

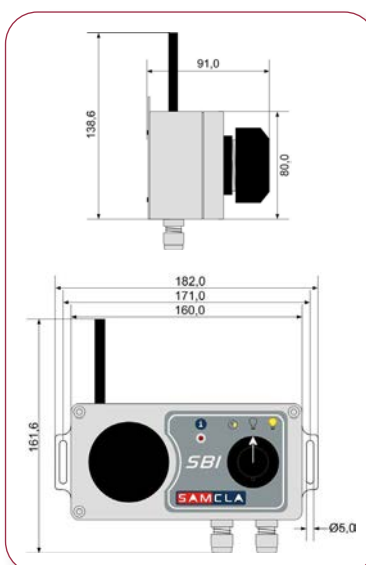
SAMCLABOX RELAY:

Mechanical characteristics

- Body: ABS
- Support: stainless steel
- Protection: IP68 – 1m
- Operating temperature: $-15^{\circ}\text{C} \div 50^{\circ}\text{C}$
- Approximate weight: 500 g

Electrical characteristics

- Power supply voltage: 9V DC
- Consumption: Alkaline battery
- 6LR61 / 1604A / PP3
- Output type: BISTABLE voltage free dry contact
- Short circuit protection: yes
- Polarity protection: yes
- Maximum output load: 24V / 1A



Technical Data

Samcla >

Code	Description
OPG443	SamclaBox Volume



> Samclabox Volume

DESCRIPTION:

Samclabox devices

- **Volume Functions (9V DC):** allows you to read the water consumption and check for significant water losses
can be connected to any type of volumetric meter;

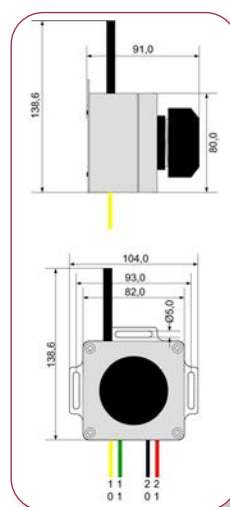
SAMCLABOX CC:

Mechanical characteristics

- Body: ABS
- Support: stainless steel
- Protection: IP68 – 1m
- Operating temperature: $-15^{\circ}\text{C} \div 50^{\circ}\text{C}$
- Approximate weight: 500 g

Electrical characteristics

- Power supply voltage: 9 V DC
- Consumption: 6LR61 / 1604A alkaline battery
- Output Type: 9 V DC Latch
- Short circuit protection: yes
- Polarity protection: yes
- Maximum input frequency: 20 Hz



COMPLIES WITH:

Directive	Norm
1999/5/EC	EN 300 220-2 V2.4.1, Class 3 receiver
1999/5/EC	EN 301 489-1 V1.9.2
1999/5/EC	EN 301 489-3 V1.4.1
1999/5/EC	EN 60950-1:2006
1999/5/EC	EN 62311:2008

Code	Description
OPG444	Scrinter on field SamclaPro management console



> Console Scrinter

DESCRIPTION:

Samclabox devices

- Bluetooth / RF console for local management of equipment that is part of the SmartPro system
- Management via smartphone or tablet with Bluetooth connection
- Free APP (iOS / Android 4.2 or later)
- Easy to use interface
- Download of equipment that is part of the remote management system via the Internet
- Automatic shutdown system
- More autonomy
- Waist fastening system
- Integrated antenna
- Immediate manual irrigation function: sequential and simultaneous
- Equipment level RF proof test
- Test of the battery level of the equipment
- Reading and updating the value of water meters
- Manual test of the switchgear equipment
- Small size
- Operation: rechargeable batteries - mains power supply included

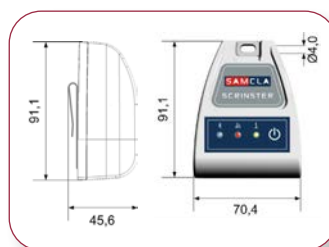
SAMCLABOX CC:

Mechanical characteristics

- Body: ABS
- Protection: no
- Operating temperature: $-15^{\circ}\text{C} \div 50^{\circ}\text{C}$
- Approximate weight: 126 g

Electrical characteristics

- Power supply: 5 V DC / 500mA
- Battery: 3,7 V / 250 mAh rechargeable Li-Ion
- Bluetooth: 4,0 (BR / EDR / LE) 2,4 GHz ISM band



COMPLIES WITH:

Directive	Norm
1999/5/EC	EN 300 220-2 V2.4.1, Class 3 receiver
1999/5/EC	EN 300 328 V1.8.1
1999/5/EC	EN 301 489-1 V1.9.2
1999/5/EC	EN 301 489-3 V1.4.1
1999/5/EC	EN 60950-1:2006
1999/5/EC	EN 62311:2008
2004/108/EC	EN 61000-6-1:2007
2004/108/EC	EN 61000-6-3:2007
2011/65/EU	

Code	Description
OPG436	Meteo Station

> Meteo Station



DESCRIPTION:

Samclabox devices

- Wind sensor
- Temperature sensor

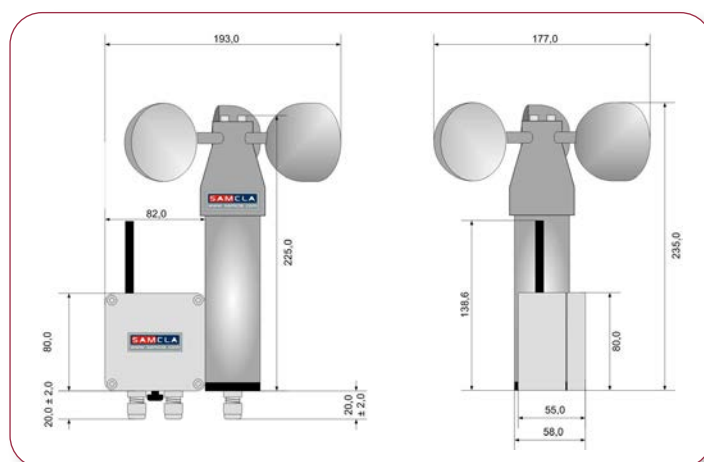
SAMCLABOX CC:

Mechanical characteristics

- Body: ABS / stainless steel
- Protection: IP66
- Operating temperature: $-15^{\circ}\text{C} \div 50^{\circ}\text{C}$
- Approximate weight: 1.000 g

Electrical characteristics

- Power supply voltage: 12V DC
- Consumption: typical 10 mA
- Output type: voltage free switched dry contact
- Short circuit protection: yes
- Polarity protection: yes
- Maximum output charge: 24 V/1 A



COMPLIES WITH:

Directive	Norm
1999/5/EC	EN 300 220-2 V2.4.1, Class 3 receiver
1999/5/EC	EN 301 489-1 V1.9.2
1999/5/EC	EN 301 489-3 V1.4.1
1999/5/EC	EN 60950-1:2006
1999/5/EC	EN 62311:2008

Code	Description
OPG432	SamclaPro management software - WEB010
OPG434	Hub annual subscription - CON020

> Subscription and Software