

SOLAR SYNC™

Sensor: **ET, Rain, Freeze**

This sensor automatically adjusts controller run times daily based on local climate conditions to reduce water usage and improve plant health.

KEY BENEFITS

- Automatically adjusts irrigation run times based on weather conditions using on-site solar radiation and air temperature
- Quick Response™ Technology triggers instant rain shutoff
- Freeze sensing halts system operation at 3°C
- Wireless sensor kit simplifies installation
- Maintenance-free design with integrated battery for wireless models
- Adjustable vent ring allows for shorter or longer reset period
- Use with X-Core™, Pro-C™, ICC2, ACC2, and legacy ACC and I-Core™ Controllers
- Manage remotely with Centralus™ Software for Pro-C, ICC2, and ACC2 installations

OPERATING SPECIFICATIONS

- Solar Sync Technology:
 - Adjusts run times daily 3 minutes before midnight using the last 3 days of ET (evapotranspiration) data
- Quick Response Technology:
 - Time to turn off irrigation system: approximately 2 to 5 minutes for Quick Response
 - Time to reset Quick Response: approximately 4 hours under dry, sunny conditions
 - Time to reset when fully wet: approximately 3 days under dry, sunny conditions
- All models switch rating (24 VAC): 3 A
- Wired models include 7 m of 0.5 mm² sheathed, UL-approved wire
- Wireless model operating frequency: 433 MHz
- Wireless model range is 243 m line of sight from sensor to receiver
- Multiple wireless receivers can be operated from a single wireless sensor
- Approvals: UL, cUL, FCC, CE, UKCA, RCM, SASO Quality Mark Certified*
- Warranty period: 5 years

USER-INSTALLED OPTIONS

- Vandal-resistant Wireless Sensor Guard for surface- or pole-mounting (order sensor separately)
- Vandal-resistant Wireless Receiver Guard for pedestal mounting (order receiver separately)

| SOLAR SYNC | |
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| Model | Description |
| SOLAR-SYNC-SEN* | Wired Solar Sync Sensor and Gutter Mount |
| WSS-SEN* | Wireless Solar Sync Sensor, Receiver, and Gutter Mount |
| WS-GUARD | Vandal-resistant Wireless Sensor Guard for surface- or pole-mounting |
| WR-GUARD | Vandal-resistant Wireless Receiver Guard for pedestal mounting |



Wired Solar Sync Sensor

(with mounting arm)
Height: 8 cm
Length: 22 cm
Width: 2 cm



Wireless Solar Sync Sensor

(with mounting arm)
Height: 11 cm
Length: 22 cm
Width: 2.5 cm



Wireless Solar Sync Receiver

(with wall-mounting kit)
Height: 14 cm
Length: 4 cm
Width: 4 cm



Wireless Sensor Guard

(with mounting hardware)
Height: 7 cm
Length: 9.5 cm
Width: 3.2 cm



Wireless Receiver Guard

(with mounting hardware)
Height: 12.7 cm
Length: 10.2 cm
Width: 3.2 cm

Compatible with:



Centralus
Software
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Waterproof Wire
Connector
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Smart WaterMark
Recognised as a responsible
water-saving tool