

# 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 duration based on weather conditions using on-site solar radiation and air temperature
- Quick Response™ instant rain shutoff and freeze shutoff at 3°C
- Maintenance-free design with integrated battery for wireless models
- Adjustable vent ring allows for shorter or longer reset period
- Rugged polycarbonate housing and metal extension arm
- Includes gutter bracket and wall mount with wireless models
- Use with Hunter standard controllers, Centralus™ with ICC2 or ACC2, and IMMS™ online central control installations

## OPERATING SPECIFICATIONS

- Solar Sync:
  - Adjusts run times daily 3 minutes before midnight using the last 3 days of ET (evapotranspiration) data
- Quick Response:
  - 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 mm<sup>2</sup> sheathed, two-conductor, 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, RCM
- Warranty period: 5 years



**Wired Solar Sync Sensor**  
(with mounting arm)  
Height: 8 cm  
Width: 22 cm  
Depth: 2 cm



**Wireless Solar Sync Sensor**  
(with mounting arm)  
Height: 11 cm  
Width: 22 cm  
Depth: 2.5 cm



**Wireless Solar Sync Receiver**  
(with wall-mounting kit)  
Height: 14 cm  
Width: 4 cm  
Depth: 4 cm



**Wireless Sensor Guard**  
Height: 7 cm  
Width: 9.5 cm  
Depth: 3.2 cm



**Wireless Receiver Guard**  
Height: 12.7 cm  
Width: 9.5 cm  
Depth: 3.2 cm

SOLAR SYNC	
Model	Description
SOLAR-SYNC-SEN	Solar Sync sensor, wire, and gutter mount
WSS-SEN	Wireless Solar Sync sensor, receiver, and gutter mount
WS-GUARD	Vandal-resistant wireless sensor guard for flat surfaces or pole mounting (order sensor separately)
WR-GUARD	Vandal-resistant wireless receiver guard for pedestal mounting (order receiver separately)



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