



- 01 **Saves Water:** Automatically adjusts run times based on local weather conditions
- 02 **Responsive:** Shuts down irrigation during rain and freezing conditions
- 03 **Simple:** Easy to install; compatible with most Hunter controllers
- 04 **Convenient:** Wired or wireless models available

## SOLAR SYNC® WEATHER SENSOR

### *Smart Irrigation Control Made Simple*

The highly advanced Solar Sync weather sensor calculates evapotranspiration (ET) and adjusts Hunter controllers daily based on local weather conditions. Solar Sync measures solar radiation and temperature, and uses an ET calculation to determine the daily seasonal adjustment value. The controller then adjusts its programmed run time accordingly. In addition, Solar Sync integrates Hunter's popular Rain-Clik® and Freeze-Clik® sensor functions to quickly shut down your irrigation system during rain and/or freezing conditions.

The powerful and versatile Solar Sync sensor is compatible with most Hunter controllers and useful for residences, businesses, and municipalities alike.

# SOLAR SYNC® FEATURES & SPECIFICATIONS

## Key Benefits

- Automatically adjusts irrigation duration based on weather conditions using on-site solar radiation and air temperature
- Quick Response® technology provides 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 mm² 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

### 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 sensor separately)

## Model

### 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

(with mounting hardware)

Height: 7 cm

Width: 9.5 cm

Depth: 3.2 cm



### Wireless Receiver Guard

(with mounting arm)

Height: 12.7 cm

Width: 9.5 cm

Depth: 3.2 cm



**Website** [hunterirrigation.com](http://hunterirrigation.com) | **Customer Support** +1-760-752-6037

Helping our customers succeed is what drives us. While our passion for innovation and engineering is built into everything we do, it is our commitment to exceptional support that we hope will keep you in the Hunter family of customers for years to come.