

# Hunter Solar Sync

## Hunter



Solar Sync is an advanced sensor, calculating local evapotranspiration (EV) and influence and irrigation program Hunter controllers to local weather conditions. Evapotranspiration (EV) is a cumulative of evaporation and crop transpiration. Solar Sync measures solar radiation and temperature and is using both inputs to calculate EV and influence and adjust the irrigation runtime set in the Hunter controller.

Next to this the Solar Sync sensor integrates and combines both Rain-Clik and Freeze-Clik sensor functions, in order to quickly shut off irrigation during rain or frost.

### APPLICATION

Small area open field outdoor crops and landscaping where water preservation is very important

### CHARACTERISTICS

- ✓ Automatic irrigation runtime adjustment using local solar radiation and temperature measurement as an influence
- ✓ Quick Response® instant rain stop and frost mitigation at >3°C
- ✓ Maintenance-free design with on-board battery for wireless series
- ✓ Solid polycarbonate housing and galvanized steel extension
- ✓ Including gutter mount and wall mount
- ✓ Compatible with many Hunter controllers
- ✓ 5 years factory warranty

### TECHNICAL DATA

Dimensions	: 7,6 cm(H)/21 cm(L)/2,5cm(D)
Power consumption	: 25 mA (24VAC)
Power supply	: 24VAC 50/60HZ
Wiring	: 12m 2x20 AWG shielded, UL-approved
Max. wire length	: 60m, 20AWG (0,8 mm)
Norm	: UL
Warranty	: 5 years
Material	: polycarbonate (housing) : extension (galvanized steel)
Options	: Wireless Solar Sync, including wireless receiver

### Solar Sync module with operating keys



### INSTALLATION & MAINTENANCE

#### Installation

- ✓ Carefully read the manual before installation.
- ✓ Locate Solar Sync in direct sunlight in a non-shading area, out of the irrigation path.
- ✓ The sensor dome should be cleaned biannually for proper operation. Do not use any abrasive detergents.
- ✓ More information about global evapotranspiration regions (ET) are bundled in a practical overview.
- ✓ More information and instructions can be found on the Hunter YouTube-channel.