

Spectrum® WatchDog® Weather Station Information and Specifications

Rain Bird – Landscape introduced the Spectrum WatchDog Weather Station (P/N IQ7010/IQ7011) in September 2025. The WatchDog weather station offers a high level of accuracy at a much lower cost. This makes it practical to have multiple weather stations and track microclimate conditions across any site location.



Ordering Information:

When ordering a WatchDog weather station, two SKUs must be ordered. One is for the weather station, and one is for the tripod that the weather station is mounted on. In the domestic US market, the two SKUs that are to be ordered are IQ7010 and IQ7011. In international markets, the two SKUs that are to be ordered are either VIQ7020 or VIQ7021 plus VIQ7022.



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|-------------------------|--|-----------------|---------------|
| | Description | Product ID | Model Number |
| Domestic North America: | | | |
| | Weather Station - 5-year connectivity | IQ7010 | IQWD-CELL-DOM |
| | Tripod | IQ7011 | IQWD-TRI-DOM |
| International Markets: | | | |
| | INT WatchDog WS - 5-year connectivity | VIQ7020 | IQWD-INT |
| | INT WatchDog WS for Middle East/Africa - 5-year connectivity | VIQ7021 | IQWD-MEAF |
| | INT tripod | VIQ7022 | IQWD-TRI-INT |

Additional Sensors and Accessories:

Up to six additional sensors can be added to the WatchDog weather station, including: soil temperature probe, leaf wetness sensor, soil moisture sensor, etc. More information can be obtained on the Spectrum website at www.specmeters.com.

Note: The data collected by any added external sensors is not reported in IQ4 but can be viewed in the SpecConnect App from Spectrum.

Users can also subscribe to Disease & Insect prediction modeling for an annual fee (offered directly from Spectrum).

Specifications verbiage for tender packages:

“The weather station shall be a Spectrum® WatchDog weather station model 3552 sold by Rain Bird. This is required to ensure API/Communication compatibility with a Rain Bird IQ Central Control System. It shall include the ability to calculate daily ET values using a modified Penman equation. It shall use sensor data such as air temperature, wind speed and direction, solar radiation, relative humidity and rainfall.

The WatchDog weather station sold by Rain Bird shall be a standalone unit that wirelessly communicates weather data through a cellular connection and is solar powered.

The WatchDog weather station sold by Rain Bird shall offer the ability to report weather data in IQ4 so it can be configured as a weather source and allow for automatic irrigation via ET values provided daily. This data shall also be available to create customized weather reports in IQ4.



The WatchDog weather station sold by Rain Bird P/Ns IQ7010/IQ7011 shall include a 5-year cellular data package, which can be extended in yearly increments after expiration.”

Location recommendations:

Please ensure that there is adequate cellular coverage at the location you plan on installing the WatchDog Weather Station. If not, this product will not work.

As ET values are highly influenced by the surrounding conditions of the WatchDog weather station, it should be located directly over the grass type that the end user is seeking the ET value for. For commercial/municipal locations, it is recommended that the unit be installed outside public use areas, and where overhead irrigation cannot reach the rain can. A nursery area where grass is maintained similarly to the rest of the site is often a good location.

The unit can be mounted on a concrete pad surrounded by the desired grass type, but it is not required. It comes with a tripod and stakes to firmly secure it to the ground while providing the flexibility of moving the station for mowing or to evaluate other areas for micro-climate changes.

Grounding requirements:

As the WatchDog weather station is solar powered and communicates via a cellular modem, there are no grounding requirements.

Compatibility:

1. The WatchDog weather station purchased through Rain Bird (P/N IQ7010/IQ7011) is compatible with IQ4 after September 30, 2025.
2. Legacy WatchDog units or those purchased from a Spectrum sales channel are not compatible with IQ4 as they are not compatible with the API key required for integration.
3. WatchDog weather stations are not compatible with the Rain Bird Classic centrals such as Maxicom and SiteControl.

Additional Release Notes:



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1. The Watchdog weather station for IQ4 must be purchased with a Landscape SBU Product ID or Model number.
2. The weather station is the same as the Rain Bird Golf units. However, the ordering and configuration process is different thus the different SKUs
3. If a user wants to use it for IQ4, they **cannot** purchase a WatchDog weather station directly from the manufacturer (Spectrum)
4. Gathering the weather data from the weather station requires a subscription with Rain Bird. The initial purchase comes with 5 years of subscription.
5. The only connection available initially will be cellular connections.
6. The weather station does not require a power connection. It is powered by solar cells and independent of any power source.
7. To configure a WatchDog weather station in IQ4, the user will simply add a weather source by selecting the WatchDog weather source on the Weather page. There will be a few data items to add then the weather will be sent to IQ4 just like any other weather source.
8. Warranty: 1 year
9. Parts: Available through GSP

Additional Information:

For any additional information, please do not hesitate to contact:

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