IQ™ Platform
Remote Water Management
Explore the New Rain Bird® IQ™ Platform

The new IQ™ Platform delivers powerful remote water management tools that allow you to control irrigation systems from a computer, tablet or smartphone.

“The best thing about IQ-Cloud is being able to share access with our irrigation techs as well as our clients. Our clients have been asking for a web-based solution and the flexible, easy to use IQ-Cloud is definitely the answer to this question. Using IQ-Cloud with weather data from a weather station or IQ Global Weather provides a seamless solution for effective ET management.”

Scott Simeon, Director of Water Management
AAA Landscape

“Now when I am troubleshooting in the field I use my phone to turn zones on and off. IQ mobile access makes it so much easier! I can share access with my clients, we can both see the system and if they are comfortable making daily adjustments, I can be there as an extra layer of oversight to handle more complex problems.”

Kyle McNerney, Owner
Smart Water Management
Choose IQ-Cloud if you manage HOAs, schools, parks, municipal sites, or other properties, and want mobile access to the irrigation systems from your tablet or smartphone, and would like to share access with other people on your team.

- **IQ Mobile**
  Start and stop irrigation schedules on your smartphone or tablet.

- **Multi-user access**
  Share access to IQ-Cloud with other people. You can control who has access to which sites.

- **Access your data and settings 24/7**
  IQ-Cloud is backed up regularly to ensure your data and settings are secure and accessible.

- **No annual fees for IQ-Cloud**
  Also, you can avoid cellular data fees by using a Wi-Fi network.

Get started with IQ-Cloud today, sign up for access at www.rainbird.com/products/IQ4-platform

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Choose IQ-Desktop when you only need to access the irrigation systems you manage from your computer and don’t need mobile access. If you are a grower or farmer and the operation of your irrigation system is centralized, IQ-Desktop might be the right option for you.

- **Saves time**
  allows you to adjust schedules and identify problems from your computer without having to travel to the satellite controller in the field.

- **Avoid data fees**
  Use Spread Spectrum Radio for a wireless connection that avoids data fees and reliance on an Internet connection.

If IQ-Desktop is the right IQ for you, you can download a 60-day demo version at www.rainbird.com/products/IQ4-platform

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“We use IQ-Desktop to manage the irrigation for our farm. The system has been invaluable when managing the water requirements of all the various crops we raise. Using an on-site weather station and ET features I am able to dial in the schedules for each zone from my computer. I love the flexibility of the system – it feels like it is tailor-made for our operation.”

Joe Sargetakis
Frog Bench Farms
**IQ-Cloud Configurations**  IQ-Cloud software and all of the data is hosted on Rain Bird servers.

![IQ-Cloud Diagram](image)

**IQ-Desktop Configurations**  IQ software and data is stored on your computer.

![IQ-Desktop Diagram](image)

*Use RS232 protocol to connect directly to Satellites. RS Cartridges also support 900MHz spread spectrum radio for wireless communication. RS Cartridges as direct connect options are only available for IQ-Desktop but can be used as client controllers for all IQ versions.
### STANDARD IQ PLATFORM FEATURES

**Communication**  
- Automated satellite Synchronize & Retrieve Logs and Weather Source Retrieve Weather Data communication  
- Automated Email Alarm/Warning

**Programming**  
- Satellite PIN-Code Protection (4-digit PIN-Code required to make programming changes at the satellite)  
- Satellite 2-Way Programming (changes made at the satellite can be viewed and accepted in the IQ software)  
- Copy/Move Satellite Utility (copy or move a satellite to another site)

**ET Management**  
- Software uses Irrigation Association terminology and formulas  
- ET/Rainfall Weather Sources include:  
  - IQ Global Weather - local weather data including rainfall available through the Internet  
  - Rain Bird® WS-PRO LT Weather Station  
  - CIMIS Internet Service (California only)  
  - Rain Bird® WS-PRO2 Weather Station

**Flow Sensing**  
- Retrieves minute-by-minute flow logs from flow sensor-equipped ESP-LX-IVM, ESP-LXMEF and ESP-LXD Satellite Controllers  
- Flow Logs vs. Projected Flow Graphical Report (identifies which programs & stations were running at any point in time)  
- Actual Flow Totals added to Satellite Station Run Time Report

### CONTROLLERS THAT CAN BE UPGRADED TO IQ SATELLITES USING NETWORK COMMUNICATION CARTRIGDES(NCC)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Model</th>
<th>Product Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Varies by location. Check with distributor.</td>
<td>ESP8LXME</td>
<td>8 to 48 Station Controller</td>
<td>Standard wired controller. Flow sensing can be added using the Flow Smart Module. Expandable to 48 stations using 8 &amp; 12-station modules.</td>
</tr>
<tr>
<td>F45000</td>
<td>FSMLXME</td>
<td>Flow Smart Module for ESP-LXME</td>
<td>Installed in zero module slot to add flow sensing capabilities for ESP-LXME.</td>
</tr>
<tr>
<td>IQ4620</td>
<td>IQFSCMLXME</td>
<td>IQ Flow Smart Connection Module for ESP-LXME</td>
<td>Installed in zero module slot to add flow sensing capabilities and allow communication between Server and Client Satellites using PE-Cable. Not required for IQSSRADIO, only PE-Cable Hardwire communication between IQ Server/Clients for ESP-LXME.</td>
</tr>
<tr>
<td>Varies by location. Check with distributor.</td>
<td>ESPLXD</td>
<td>50-Station Two-Wire Decoder Controller</td>
<td>Decoder controller, expandable to 200 stations using ESPLXDSM75.</td>
</tr>
<tr>
<td>IQ4621</td>
<td>IQCMLXD</td>
<td>IQ Connection Module for ESP-LXD and ESP-LX-IVM Controllers</td>
<td>Installed in zero module slot to allow communication between Server and Client Satellites using PE-Cable. Not required for IQSSRADIO, only PE-Cable Hardwire communication between IQ Server/Clients for ESP-LXD.</td>
</tr>
<tr>
<td>F46100</td>
<td>ESPLXIVM</td>
<td>ESP-LX-IVM 2-Wire Controller</td>
<td>Integrated Valve Module (IVM) Controller up to 60 stations</td>
</tr>
<tr>
<td>F46105</td>
<td>ESPLXIVMP</td>
<td>ESP-LX-IVM Pro 2-Wire Controller</td>
<td>Integrated Valve Module (IVM) Controller up to 240 stations</td>
</tr>
</tbody>
</table>

### IQ-DESKTOP SOFTWARE, NCC CARTRIDGES AND OTHER HARDWARE

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<th>Part Number</th>
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</tr>
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<tbody>
<tr>
<td>IQ2016</td>
<td>IQDesktop</td>
<td>IQ-Desktop Base Software</td>
<td>IQ-Desktop software. Base software package enables control of 5 Satellites. Satellite capacity upgrades in increments of 5 are available.</td>
</tr>
<tr>
<td>IQ2020</td>
<td>IQSSATSU</td>
<td>5-Satellite Capacity</td>
<td>For IQ-Desktop and IQ-Enterprise. Increases IQ Software satellite controller capacity by 5-satellites, capacity is added through a purchased software activation keycode.</td>
</tr>
<tr>
<td>IQ4614BCDE</td>
<td>IQNCC4G</td>
<td>Cellular Network Communication Cartridge</td>
<td>Requires Sim Card with static IP Address. Can be purchased with cellular service included.</td>
</tr>
<tr>
<td>IQ4603</td>
<td>IQNCCEN</td>
<td>Ethernet Network Communication Cartridge</td>
<td>Requires Static IP Address. Use the Ethernet Cartridge with Wi-Fi adapter for Wi-Fi Connection.</td>
</tr>
<tr>
<td>IQ4600</td>
<td>IQNCCRS</td>
<td>RS-232 Network Communication Cartridge</td>
<td>Requires serial port or serial port adapter on PC for Direct or Server Satellite applications.</td>
</tr>
<tr>
<td>IQ4630</td>
<td>IQSSRADIO</td>
<td>900MHz Spread Spectrum Radio</td>
<td>Requires IQNCCRS for Direct Satellite.</td>
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</tbody>
</table>
At Rain Bird, we believe it is our responsibility to develop products and technologies that use water efficiently. Our commitment also extends to education, training and services for our industry and our communities.

The need to conserve water has never been greater. We want to do even more, and with your help, we can. Visit www.rainbird.com for more information about The Intelligent Use of Water™.

The Intelligent Use of Water™
LEADERSHIP • EDUCATION • PARTNERSHIPS • PRODUCTS