RAIN BIRD®

IQ™ NCC-EN & -WF Cartridge Required Configuration Information

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What information do I need to configure IQ NCC Network Communication Cartridges?

- The IQ NCC-EN Ethernet and NCC-WF WiFi Network Communication Cartridges need to be configured to communicate with the IQ Central Computer over your Local Area Network (LAN).

- The IQ Software will be loaded onto a computer with access to the same LAN network as the IQ Satellite Controllers equipped with an IQ NCC-EN or –WF Cartridge.

- The following pages list the network configuration information your Network Administrator will need to provide to configure IQ NCC-EN and –WF Cartridges.

What information do I need to configure an IQ NCC-EN Ethernet Cartridge?

- The IQ NCC-EN Ethernet Network Communication Cartridges require the following communication configuration information from your Network Administrator:
  - Network Static Internet Protocol (IP) Address for each NCC-EN Cartridge
  - Port Number
  - Subnet Mask Address
  - Default Gateway

- In the IQ Software select IP Connection communication type and enter the Static IP Address for the Cartridge followed by the Port Number (default is 50005)
  - Example 192.168.120.111:50005

What information do I need to configure an IQ NCC-WF WiFi Cartridge?

- The IQ NCC-WF WiFi Network Communication Cartridges require the following communication configuration information from your Network Administrator:

  - Network Static Internet Protocol (IP) Address for each NCC-WF Cartridge

  - Port Number (default is 50005)

  - Subnet Mask Address

  - Default Gateway

  - SSID Network Identification

  - Encryption Method (WPA or WPA2 supported)

  - Encryption Passkey

- In the IQ Software select IP Connection communication type and enter the Static IP Address for the Cartridge followed by the Port Number (default is 50005)

  - Example 192.168.120.111:50005

Router Site Survey & Setup for IQ NCC-WF WiFi Cartridge

- Conduct a wireless site survey before installing the IQ Satellite with NCC-WF Wi-Fi Cartridge to make sure a wireless connection is possible.

- The internal antenna included with the NCC-WF Wi-Fi cartridge is for use with the standard plastic case controller. If the optional LXMM Metal Case is used, the optional IQINTANWF is required.

- WPA2 Encryption may not work with the NetGear WN2000v2 or other routers if the QoS/WMM is set. Turn off QoS or WMM.

- Cisco/Linksys routers using the Group Key Renewal option should be set so the time interval is near the maximum but not on the hour.

- IQ is not compatible with the Apple Airport Extreme or Apple Time Capsule with built in Airport Extreme Routers.

- Only the following characters are allowed in the SSID: 0-9, a-z, A-Z.

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