

LNK WiFi MODULE

WiFi Mobile Application

The LNK WiFi Module shall allow users to connect remotely to a Rain Bird ESP-Me or ESP-RZXe Irrigation Controller through a plug-in accessory and using an Apple iOS or Android compatible mobile device with access to the Internet.

• Easy to Install Hardware

- The LNK WiFi Module shall connect directly to the accessory port featured on compatible controllers.

• Mobile Application

- A mobile application with user interface shall install on the user's smart device and allow remote configuration of multiple Irrigation Controllers. Options for irrigation scheduling shall be provided as well as access to current weather conditions.

• Supported Mobile Devices

The LNK WiFi Module Mobile Application shall be available for devices running the following operating systems:

- iOS 8.0 or later
- Android 4.4 (KitKat) or later

• WiFi Networking

- The LNK WiFi Module shall provide direct wireless communication to compatible smart devices through a WiFi Access Point
- Connecting to the Rain Bird Cloud Server shall allow the server to send a daily seasonal adjustment once per day based upon the Controller's ZIP code
- Push notifications shall be available through Google Cloud Messaging or Apple Push Notification Service
- A multi-color LED light on the LNK WiFi Module shall indicate status of the Access Point and Internet connections

• WiFi Connection Security

The LNK WiFi Module shall automatically detect the appropriate WiFi security mode using a user-provided network SSID and network key.

The following security modes are available:

- None
- Open
- WEP
- WPA-TKIP
- WPA-AES
- WPA2-TKIP
- WPA2-AES
- WPA2-AES-TKIP

• Mobile App Features

- Controller View shall display an image of the Controller with name, station or zone list and local weather report
- Expanded View shall allow remote programming of irrigation schedules including a Manual Watering feature
- General Information View shall display the selected Controller by name, location by ZIP code and a notifications list
- Calendar View shall show a graphical representation of the selected Controller's irrigation schedule
- Remote Control View shall provide instant access to manual operation for each station or zone
- Program View shall provide access to all irrigation scheduled parameters for program based Controllers
- Add Controller View shall provide access to a setup wizard for adding one or more controllers to the mobile app homescreen
- Controller Settings View shall provide configuration and editing of Controller information, network settings and notification preferences
- App Settings View shall provide access the mobile app version, help screens, enable or disable of push notifications, and access to group controllers



• Electrical Specifications

- 24VAC(RMS) 50/60Hz; 55mA max

• Certifications

- UL, cUL, CE, CSA, FCC Part 15b, WEEE, S-Mark, IP30, IFETEL

• Operating Specifications

- Operating Temperature: -10°C to 65°C
- Storage Temperature: -40°C to 66°C
- Operating Humidity: 95% max @ 10°C to 49°C non-condensing environment

DIMENSIONS

Width: 2.87 cm
Height: 2.10 cm
Depth: 1.21 cm

MODEL

LNKWIFI (P/N: F55001)



Compatible with:

ESP-RZXE

ESP-ME

LED	INDICATION
Solid red	System booting
3 green flashes at power up	Authentication with Controller confirmed
Flashing red	Not in WiFi Access Point mode and no LAN connection programmed
Alternating red/green/OFF flashing	ON and broadcasting
5 rapid green flashes, followed by regular green flashing	LNK WiFi Module successfully authenticated to WiFi router
Solid amber (orange/yellow)	Factory Default Reset successful



Weather data from internet automatically adjusts system and saves up to 30% on water usage