



# Nexus Wireless Valve System

Smart Irrigation  
From the Ground Up

**Tucor's Nexus wireless valve system is a complete wireless system for powering and operating your new or existing DC latching valves. Wireless networks are formed around a gateway imbedded in the irrigation controller, which acts as the wireless network master device with one or more WVR (Battery Powered DC Latching Receiver).**

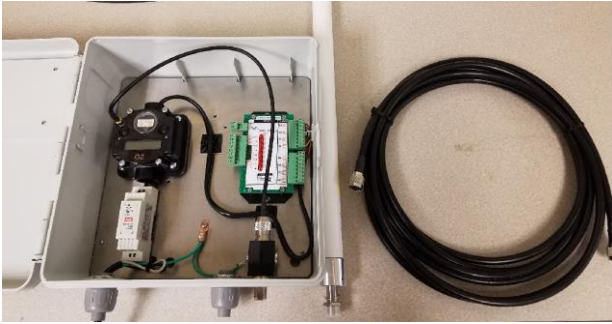
(800) 272-7472  
[www.tucor.com](http://www.tucor.com)

- The remote radio provides the appropriate electric signal to either open or close a standard latching solenoid.
- Because the radio only momentarily energizes its output per request the lithium-ion battery can operate for several years depending on scheduling frequency.
- Built in RSSI (radio signal strength indication)
- 900 MHz 1 Watt Spread Spectrum license free.
- Nexus Base available in 6 or 12 valve capacities in Point to Point or Star Configurations.
- Nexus Link available in 1 to 100 valve capacities in with repeater and mesh configurations.
- WVR housing is rated for Dust and Water Spray Environments (IP65). The WVR comes mounted in a 12" water resistant ground level box with external antenna.
- **Nexus Base can be used with all manufacturers controllers, both \*decoder and standard terminal output.**

\* requires additional relay

# SPECIFICATIONS

**Nexus BWR-400-G6 Base Wireless Radio Gateway Assembly for up to 6 valves**



**Nexus BWR-400 WVR-VB12 Base Wireless DC Latching Receiver**



(Cutaway for illustration purposes only)

## Nexus Base Wireless Valve System (Works with Any Controller 1-12 STA)

Point to point



Star configuration



## Nexus Link Wireless Valve System (Only with RKW+ Max 100 Stations)

Point to point with



repeater



Tree configuration



with repeater

