

ESP-LXIVM Controller System

Revolutionary 2-Wire Design with Integrated Valve Module (IVM)

Rain Bird's new ESP-LXIVM 2-Wire System has many powerful and flexible features, starting with the revolutionary new Integrated Valve Module (IVM). This "smart solenoid" stays in constant communication with the controller, providing efficient irrigation and advanced diagnostics. Only half the number of wire splices are needed, improving installation costs and reliability. A simple-to-use interface and advanced diagnostics make ESP-LXIVM the best controller on the market. Two models are available, the ESP-LXIVM for medium size installations and LX-IVM Pro for large scale commercial installations.



Applications

Rain Bird's ESP-LXIVM Series 2-Wire controllers are designed for the largest and most demanding sites, such as housing or condominium complexes, schools and sports fields, parks and public spaces, or large industrial and commercial sites.

Best-in-Class Specs

The LX-IVM has many powerful and flexible features, starting with the revolutionary new Integrated Valve Module with "smart solenoid" that stays in constant communication with the controller to provide efficient irrigation and advanced diagnostics. ESP-LXIVM supports up to 60 stations standard or 240 stations with LX-IVM Pro.

Water Management Features

The ESP-LXIVM Series sets new industry standards for water management. With advanced flow management tools such as FloWatch™ and FloManager™ to optimize water usage, guard against high and low flow conditions and shorten total watering time.



ESP-LXIVM Controller System



* Wire Connectors
Included

Elimination of Decoders

- The new IVM-SOL eliminates the need for a decoder, which means half the number of splices are required.
- Fewer splices saves time, money and installation costs, plus maintenance and repair.



Simple User Interface

- The LX-IVM display screen is larger and is back-lit making it easier to read in dim light or darker settings.
- Additional buttons offer increased functionality for dedicated language, help (info) and back (previous screen).

ELECTRICAL HISTORY

STA, MV, & Sensors

30 Days

12 Months

Controller Output

30 Days

12 Months

VOLTAGE - 30 DAYS

Station 001

OK if above 23V

07 Feb 18 36.2 V

06 Feb 18 36.2 V

05 Feb 18 36.1 V

Supported Field Devices



IVM-SOL

Control station or master valves



IVM-OUT

Manage 3rd party valves or devices



IVM-SEN

Control weather or flow sensors



IVM-SD

Surge protection on the 2-Wire path

Key Specifications

Feature ▶	Max Programs	Stations	Max Simulations	Master Valves	Flow sensors	Weather sensors
LX-IVM	10	60	8	5	5	4
LX-IVM Pro	40	240	16	10	10	8



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