

# EZ DECODER SYSTEM

The Simple, Two-Wire Solution for  
HCC, HPC, ICC2, and Pro-C® Controllers

**Hunter®**





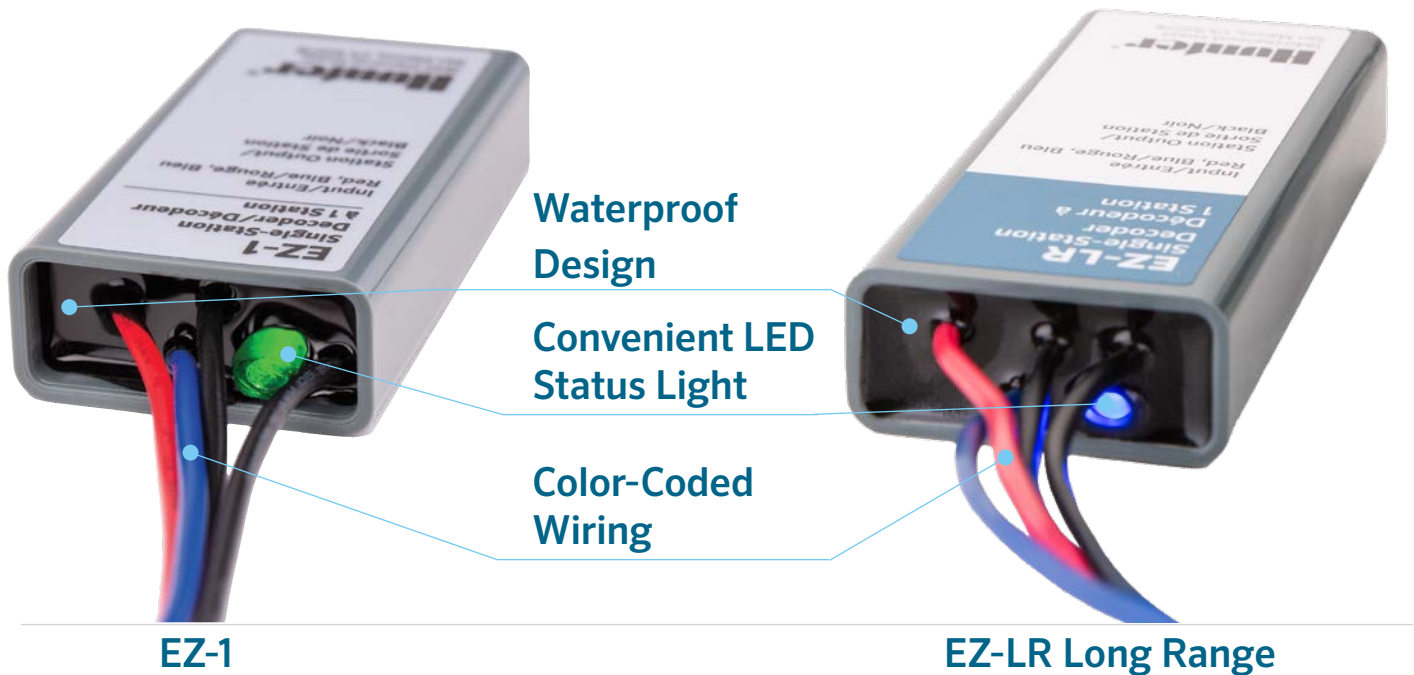
# THE EASIEST WAY TO

## *Install Your Decoder System*

**Quicker to install than traditional decoder systems.** This unique, 24 VAC signaling system is simple to set up and troubleshoot with standard tools. Compatible with web-based smart watering platforms and wireless ROAM or ROAM XL Remotes for local management, the EZ Decoder System (EZDS) simplifies irrigation control in every installation.



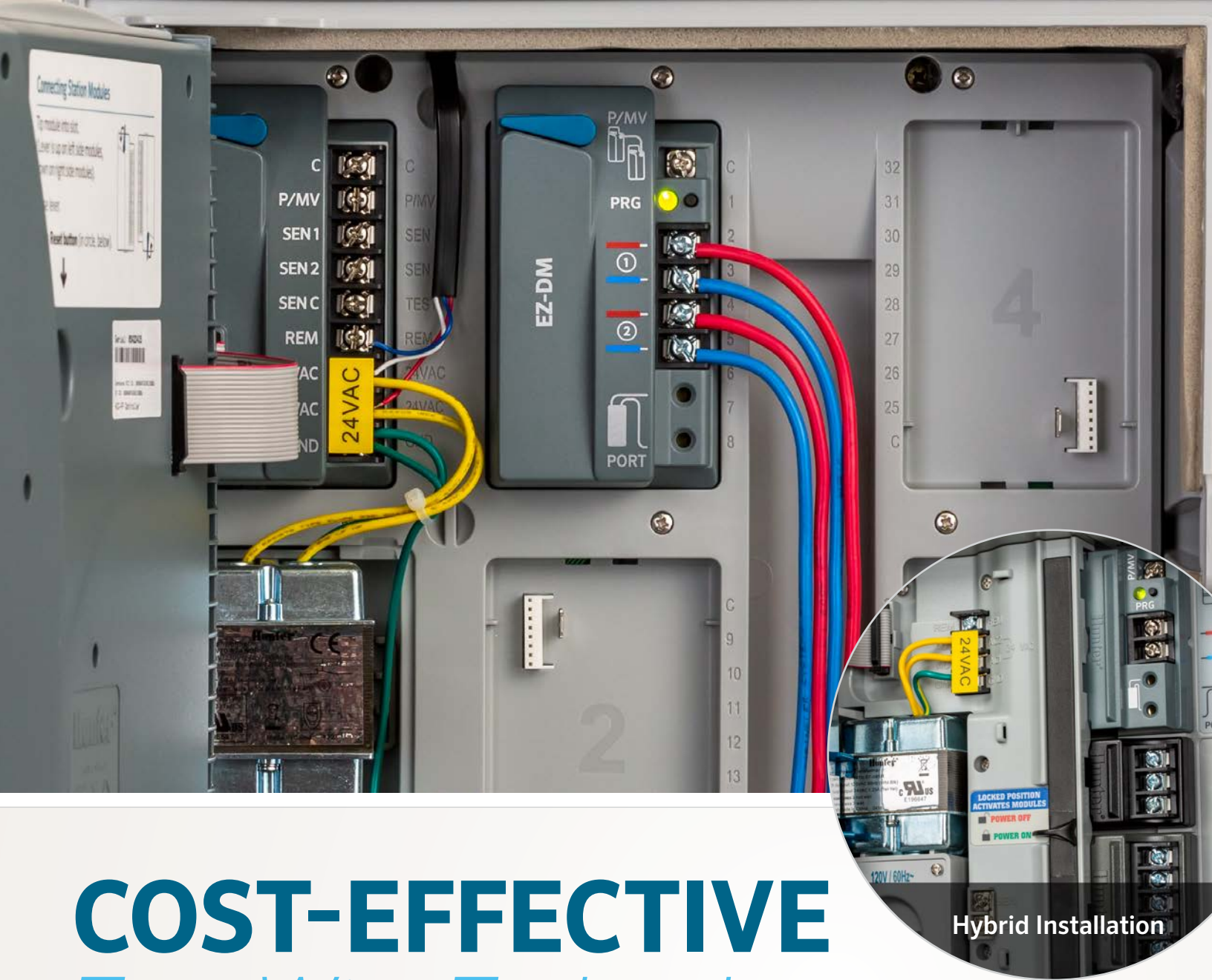
# EZ Decoder



EZ Decoders are small, waterproof, and come with color-coded wiring and a convenient LED status light. The system can also coexist with conventional output modules, allowing hybrid functionality of both direct-wired valves and decoder operations in the same controller. This technology permits simple conversion of a conventionally wired system to two-wire using the existing wiring bundle. It's that easy!

## Features and Specifications

- No special wire or connectors required (waterproof connections are encouraged)
- No special grounding or surge arrestors required in-line to maximize time and money savings during installation
- Programmable decoders with no need to input individual serial numbers
- P/MV can activate via the two-wire path for distant systems
- EZ-1 and EZ-LR Decoders are IP68 rated (submersible)
- Electrical Outputs:
  - Two-wire path: 24 VAC, 50/60 Hz
  - EZ-1 output to solenoid: 24 VAC, 50/60 Hz
  - EZ-LR output to solenoid: Proprietary low-voltage, high frequency



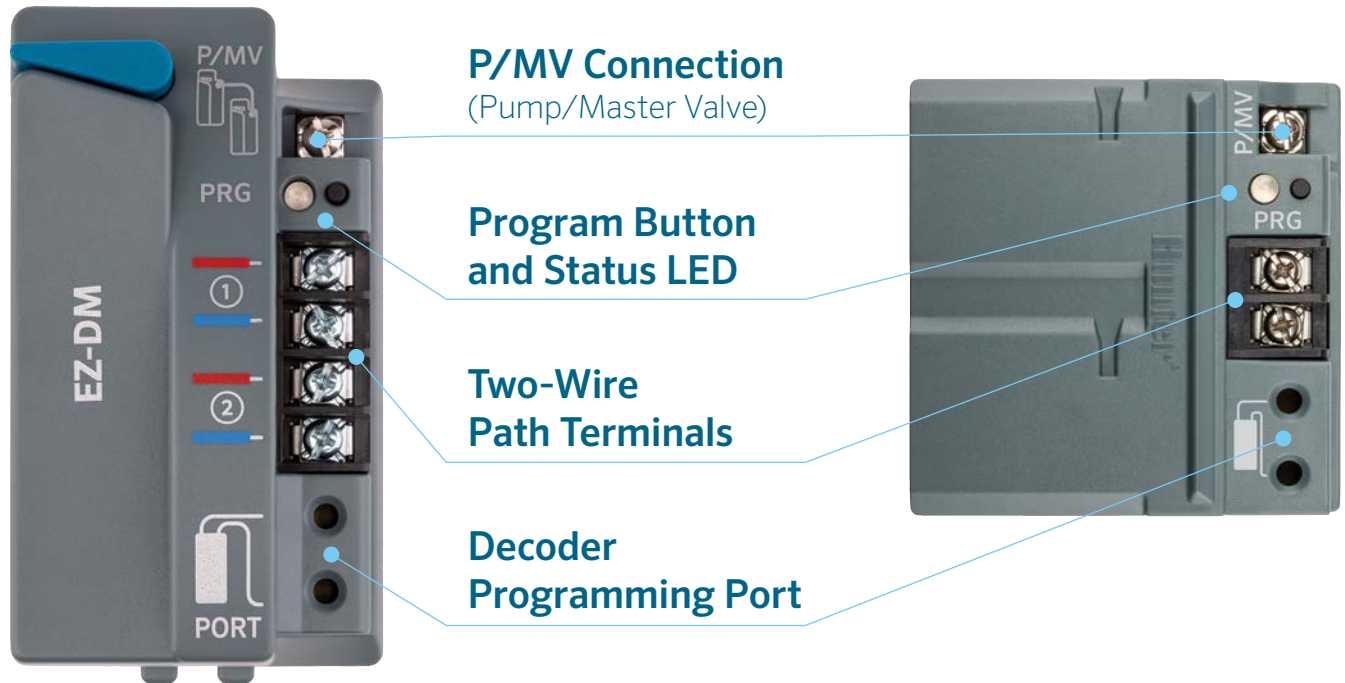
# COST-EFFECTIVE

## *Two-Wire Technology*

- **HCC and ICC2 Controllers:** Up to 54 stations, plus master valve
- **HPC and Pro-C® Controllers:** Up to 32 stations, plus master valve (28 stations if two-wire only)
- Simple installation and maintenance
- Allows hybrid operations of conventional and decoder stations
- Compatible with any direct-burial wire for maximum flexibility

## EZ-DM Module

## PC-DM Module



\*EZ-DM compatible with ICC2 and HCC Controllers

\*PC-DM compatible with Pro-C and HPC Controllers

Plug in a two-wire output module to enable irrigation solenoids, plus a master valve, on a single pair of wires. Then simply place EZ Decoders at each valve!

## Features and Specifications

- Simple, push-button programming of decoders without the need for serial numbers
- Electrical output on two-wire path:  
24 VAC, 50/60 Hz
- Two-wire paths allow for tee-splicing in different directions
- Reliable operation over 3,000' with EZ-1 (depending on wire size), and over 6,000' with EZ-LR





# ULTIMATE

## *Flexibility*

Use the wireless, handheld EZ-DT Diagnostic Tool to quickly assess the status of EZ Decoders in the field without uninstalling them. The Universal Decoder Stake Kit raises decoders off the ground to ensure convenient access for future servicing.

# The Complete EZ Decoder System

EZ DECODER SYSTEM	
MODEL	DESCRIPTION
EZ-1	Single-station EZ Decoder
EZ-LR	Single-station, long-range EZ Decoder
EZ-DM	EZ Decoder Output Module for HCC and ICC2 Controllers
PC-DM	EZ Decoder Output Module for HPC and Pro-C Controllers

SYSTEM ACCESSORIES	
MODEL	DESCRIPTION
EZ-DT	Wireless, handheld EZ-DT Diagnostic Tool
DECSTAKE10	Universal Decoder Stake Kit, 10-pack



EZ-1 WIRING DISTANCES		
WIRE GAUGE	ONE ACTIVE SOLENOID*	TWO ACTIVE SOLENOIDS*
18 AWG	908'	454'
16 AWG	1,446'	723'
14 AWG	2,292'	1,146'
12 AWG	3,650'	1,825'
10 AWG	6,057'	3,028'

EZ-LR WIRING DISTANCES		
WIRE GAUGE	ONE ACTIVE SOLENOID*	TWO ACTIVE SOLENOIDS*
18 AWG	1,898'	948'
16 AWG	3,020'	1,510'
14 AWG	4,790'	2,394'
12 AWG	7,628'	3,814'
10 AWG	12,114'	6,056'

\*Distances in the wiring table are calculated based on 60 Hz for American Wire Gauge, with a wire temperature of 122°F and a 10% safety factor.



Pro-C



HPC



HCC



ICC2

From standard residential projects to large commercial installations, EZDS is the perfect choice to simplify two-wire management. Compatible controllers include the HPC and HCC with HydraWise® smart irrigation control and the Pro-C and ICC2 with Centralus™ smart irrigation control.



Helping our customers succeed is what drives us. While our passion for innovation and engineering is built into everything we do, it is our commitment to exceptional support that we hope will keep you in the Hunter family of customers for years to come.

A white, stylized signature of Gregory R. Hunter on a dark blue background.

Gregory R. Hunter, CEO of Hunter Industries

A white, stylized signature of Denise Mullikin on a dark blue background.

Denise Mullikin, President, Landscape Irrigation and Outdoor Lighting