

EZ DECODER SYSTEM

*The Simple, Two-Wire Solution for
HCC, ICC2, and Pro-C™ Controllers*

RESIDENTIAL & COMMERCIAL IRRIGATION
Built on Innovation®

Hunter®





THE EASIEST WAY TO *Install Your Decoder System*

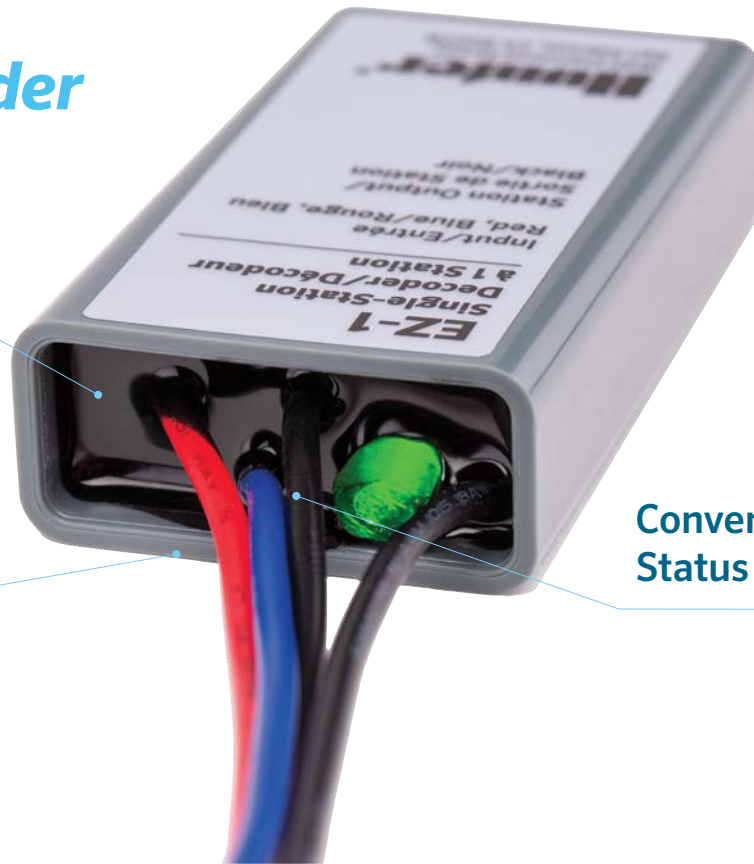
Quicker to install than traditional decoder systems. This unique, 24 VAC signaling system is simple to set up and troubleshoot with standard tools. Compatible with web-based smart watering platforms and ROAM or ROAM XL wireless remotes for local management, EZDS simplifies irrigation control in every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

EZ-1 Decoder

**Waterproof
Design**

**Colour-Coded
Wiring**

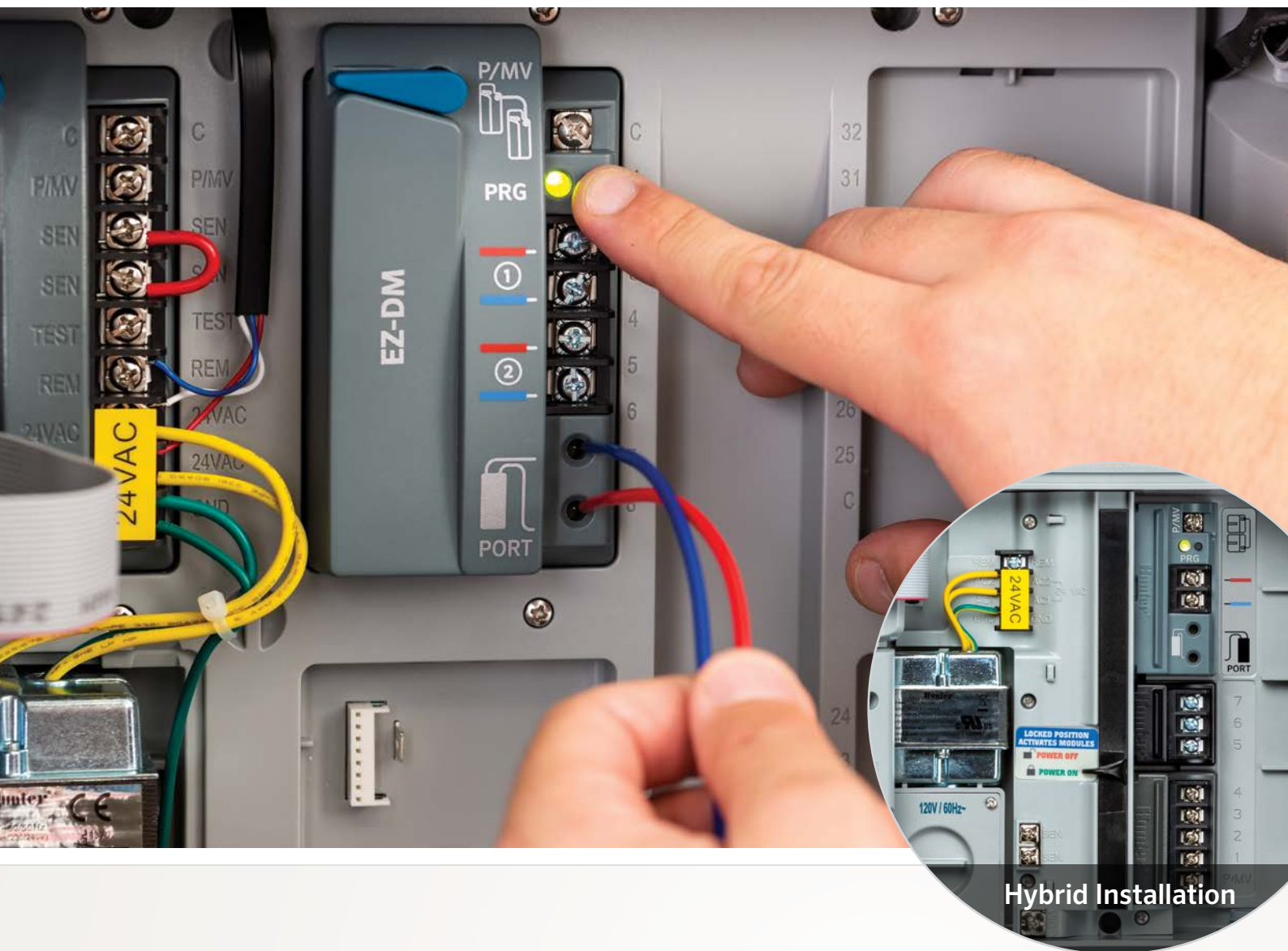
**Convenient LED
Status Light**



EZ-1 decoders are small, waterproof, and come with colour-coded wiring and a convenient LED status light. They do not require special wire or connectors to function. Better yet, the system can coexist with conventional output modules, allowing hybrid functionality of both direct-wired valves and decoder operations in the same controller. This technology also 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
- No special grounding or surge arrestors required in-line to maximise 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 master valves
- Permits hybrid operations of side-by-side conventional and decoder stations for added flexibility
- EZ-1 decoders have built-in status LED for positive diagnostics



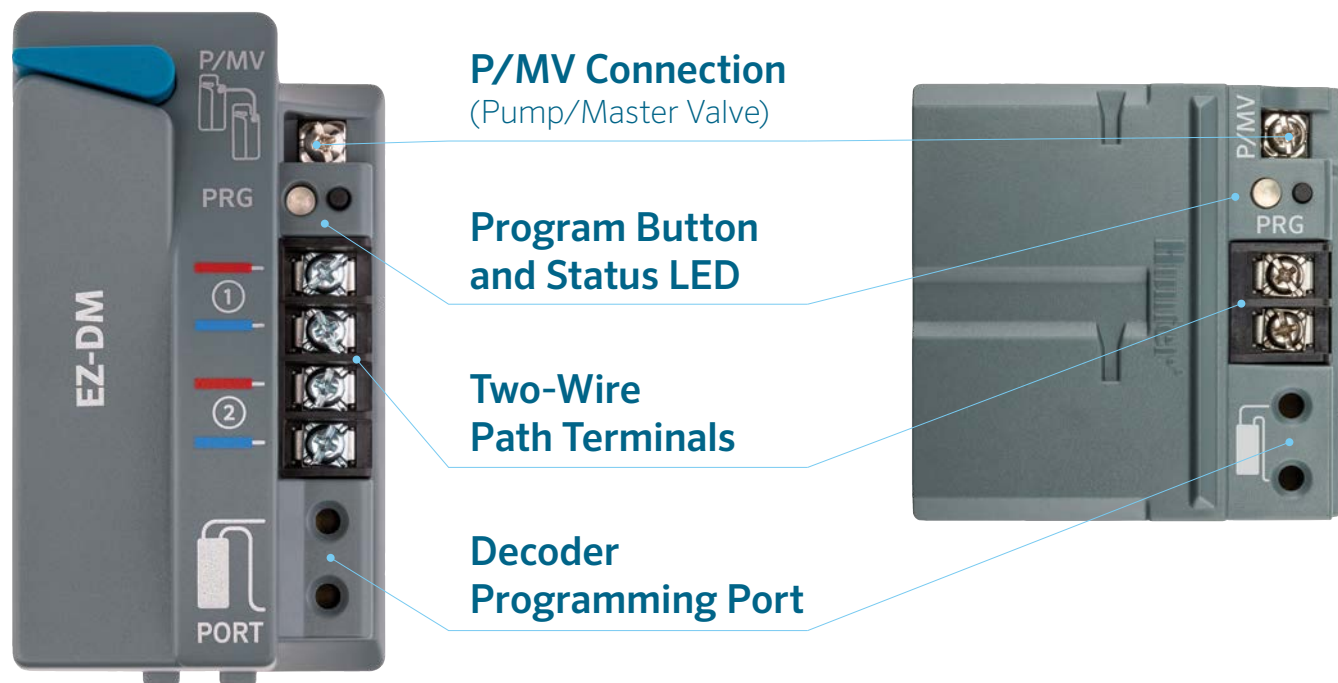
COST-EFFECTIVE

Two-Wire Technology

- HCC and ICC2: Up to 54 stations, plus master valve
- Pro-C: Up to 32 stations, plus master valve (28 stations if two-wire only)
- No special wire or connectors required
- Allows hybrid operations of conventional and decoder stations
- Compatible with any direct-burial wire for maximum flexibility

EZ-DM Module

PC-DM Module



Plug in either two-wire output module to enable irrigation solenoids, plus a master valve, on a single pair of wires. Then simply place EZ-1 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
- Up to two standard 24 VAC solenoids per EZ-1 decoder output
- Two-wire paths allow for tee-splicing in different directions
- EZ-1 decoders are rated IP68, submersible
- Reliable operation over 600 m, depending on wire size



ULTIMATE

Flexibility

Use the **EZ-DT wireless handheld diagnostic tool** to quickly assess the status of EZ-1 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 for Pro-C, ICC2, or HCC
EZ-DM	EZ decoder output module for ICC2/HCC
PC-DM	EZ decoder output module for Pro-C

SYSTEM ACCESSORIES

MODEL	DESCRIPTION
EZ-DT	Wireless handheld diagnostic tool
DECSTAKE10	Universal Decoder Stake system, 10-pack



EZDS WIRING DISTANCES

WIRE GAUGE	ONE ACTIVE SOLENOID*	TWO ACTIVE SOLENOIDS*
0.5 mm ²	167 m	83 m
0.8 mm ²	267 m	133 m
1 mm ²	333 m	167 m
1.5 mm ²	500 m	250 m
2.5 mm ²	833 m	417 m
4 mm ²	1,333 m	667 m

*Distances in the wiring table are calculated based on 60 Hz for American Wire Gauge, with a wire temperature of 50°C and a 10% safety factor.



Pro-C



HCC



ICC2

From standard residential projects to large commercial installations, EZDS is the perfect choice to simplify two-wire management. Compatible controllers include the conventional Pro-C, the HCC with HydraWise smart irrigation control, and the 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 handwritten signature of Gregory R. Hunter.

Gregory R. Hunter, CEO of Hunter Industries

A white, stylized handwritten signature of Gene Smith.

Gene Smith, President, Landscape Irrigation and Outdoor Lighting

Website hunterindustries.com | **Customer Support** +1-800-383-4747 | **Technical Service** +1-800-733-2823

EZ-DT

Simplify maintenance of EZ Decoder Systems with the handheld, wireless EZ Decoder diagnostic tool.

KEY BENEFITS

- Wireless, handheld diagnostic tool for EZ-1 decoders
- Detect faults and perform electrical troubleshooting in the field without uninstalling decoders
- Quickly read decoder status, station address, current draw, and two-wire voltage to simplify maintenance
- Program decoder station address via wired connection to speed up installation and save time on-site
- Update controller facepack or decoder module firmware via ribbon cable connection for flexibility when updating systems
- Communicate in your preferred language using the multilingual user interface
- Work reliably and efficiently on the go with power supplied by 4 AAA batteries

OPERATING SPECIFICATIONS

- Power input: 4 x AAA batteries (included)
- Communications: Wireless induction, 1" range from decoder to EZ-DT
- 1.8" full-color, backlit TFT display

USER-INSTALLED OPTIONS

- Centralus™ with ICC2
- Hydrowise® with HCC
- Pro-C®
- DECSTAKE10 Universal decoder stake kit, 10-packstake kit, 10-pack

DECODER MODELS

Model	Description
EZ-DM	Decoder output module for HCC and ICC2 controllers
PC-DM	Decoder output module for Pro-C controller
EZ-1	Single-station decoder with status LED
EZ-DT	EZ Decoder Diagnostic Tool



EZ Decoder Diagnostic Tool

Height: 7¾"

Width: 2¼"

Depth: ⅞"

EZ-DT Decoder Diagnostic Tool



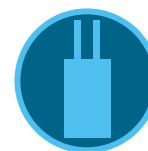
Compatible with:



HCC Controller



ICC2 Controller



EZ Decoder System