EZ DECODER SYSTEM

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

RESIDENTIAL & COMMERCIAL IRRIGATION
Built on Innovation®
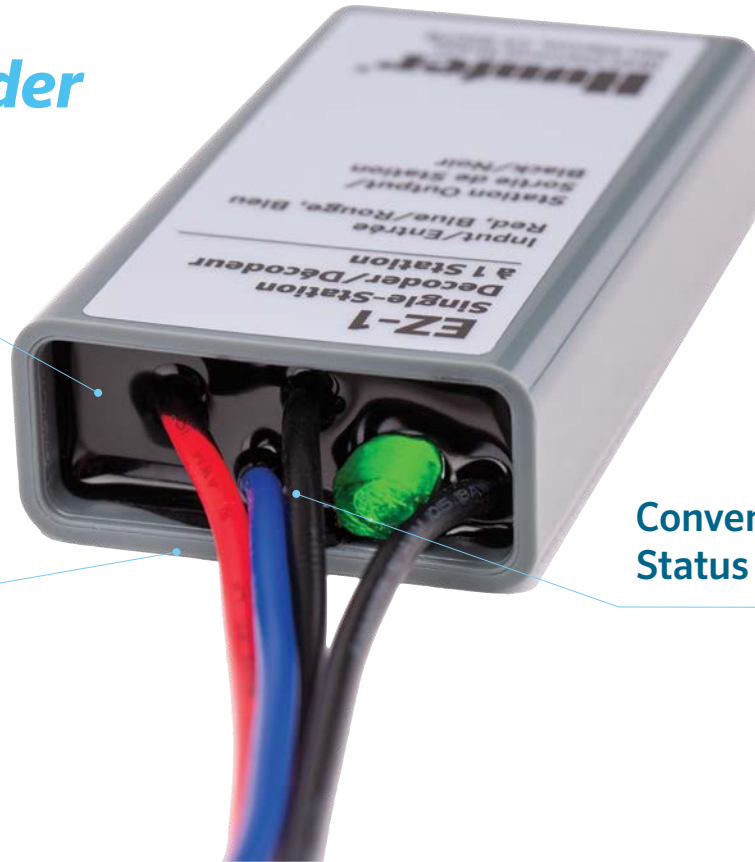
Hunter®

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 wireless ROAM or ROAM XL Remotes for local management, EZDS simplifies irrigation control in every installation.

EZ-1 Decoder

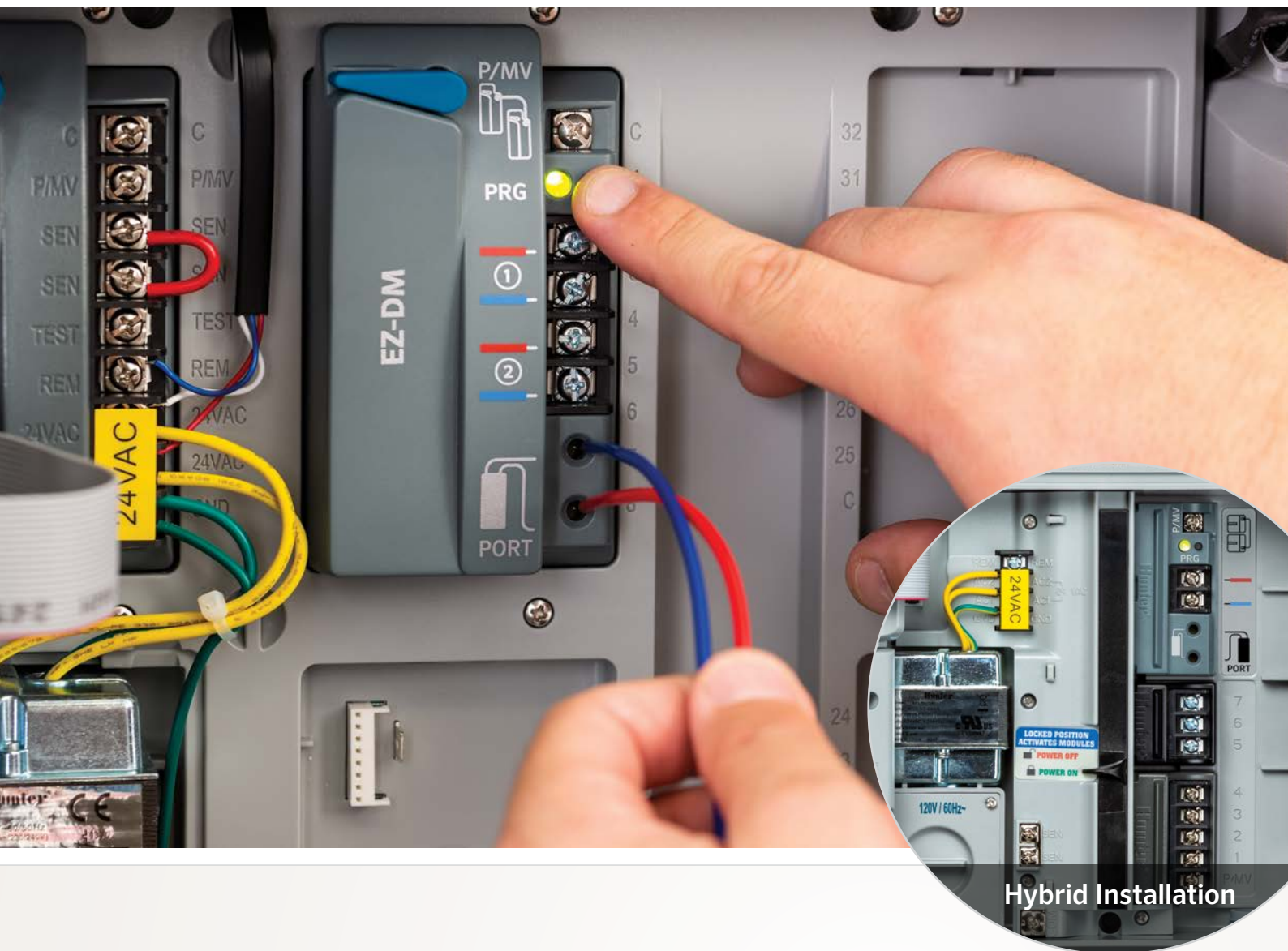**Waterproof Design**

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
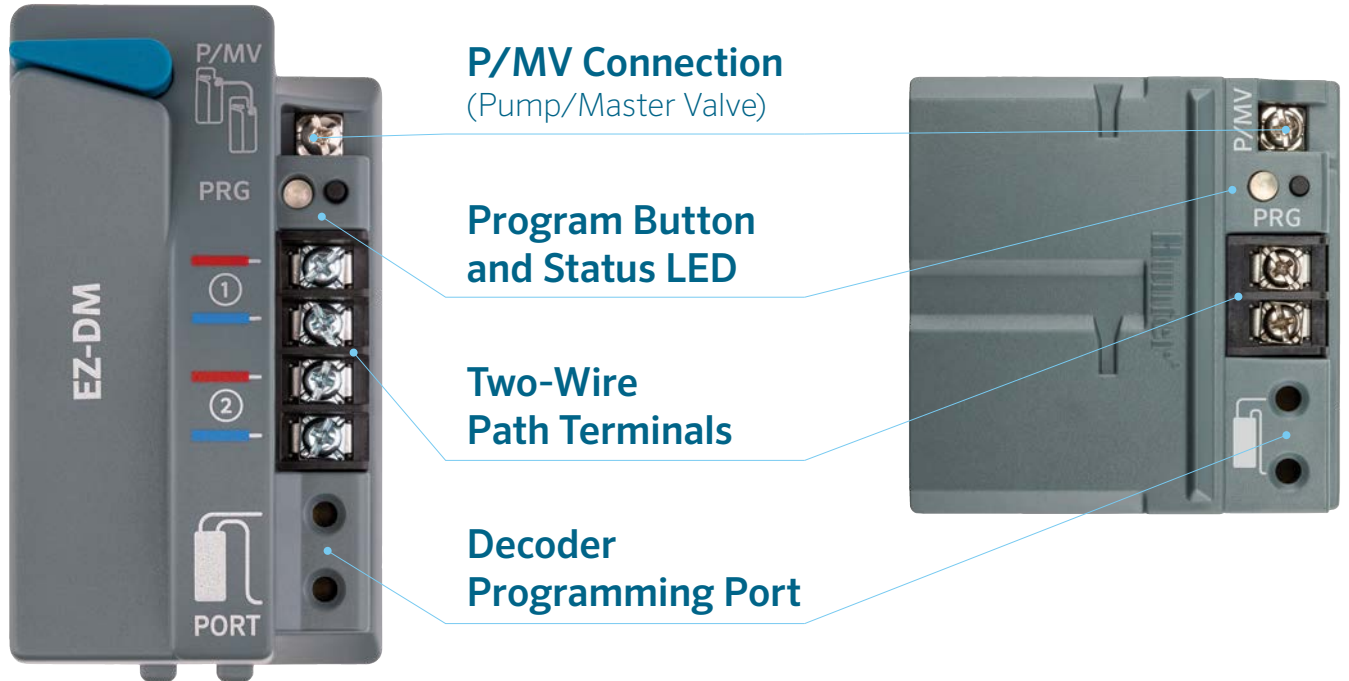- EZ-1 Decoders have built-in status LED for positive diagnostics

Hybrid Installation

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)
- 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

P/MV Connection
(Pump/Master Valve)

**Program Button
and Status LED**

**Two-Wire
Path Terminals**

**Decoder
Programming Port**

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

Hassle-Free
Maintenance

ULTIMATE
Flexibility

Use the wireless, handheld EZ-DT 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-1 Decoder for HCC, HPC, ICC2, and Pro-C Controllers
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

EZDS WIRING DISTANCES

WIRE GAUGE	ONE ACTIVE SOLENOID*	TWO ACTIVE SOLENOIDS*
0.5 mm²	167 m	83 m
0.8 mm²	267 m	133 m
1 mm²	333 m	167 m
1.5 mm²	500 m	250 m
2.5 mm²	833 m	417 m
4 mm²	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.

Hydrawise®   CENTRALUS™

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 standard Pro-C, HCC and HPC with Hydrawise smart irrigation control, and the ICC2 with Centralus smart irrigation control.

Hunter®

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.

Gregory R. Hunter, CEO of Hunter Industries

Gene Smith, President, Landscape Irrigation and Outdoor Lighting