

EZ DECODER SYSTEM

Bring two-wire technology to more projects than ever before with the revolutionary, low-cost, and hassle-free EZ Decoder System for Pro-C®, HPC, ICC2, and HCC Controllers.

KEY BENEFITS

- Number of stations:
 - Pro-C/HPC Controllers: Up to 28, plus master valve
 - ICC2/HCC Controllers: Up to 54, plus master valve
- No special wire or connectors required
- 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 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

OPERATING SPECIFICATIONS

- Electrical output on two-wire path: 24 VAC, 50/60 Hz
- Two-wire paths to the field:
 - EZ-DM: 2
 - PC-DM: 1
- Wire paths possible over 3,000' (see Wiring Table below)
- Each EZ-1 decoder can activate two standard 24 VAC solenoids
- Operate any two decoders simultaneously for more efficient watering (ICC2 and HCC Controllers only)
- Approvals: UL, cUL, FCC, CE, RCM, ISED
- EZ-1 decoders are IP68 rated (submersible)
- Warranty period: 3 years

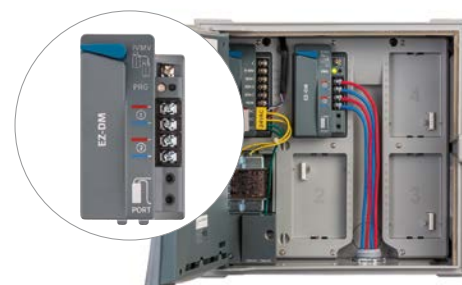
USER-INSTALLED OPTIONS

- Centralus™ with ICC2 Controller
- Hydrawise® with HPC and HCC Controllers
- Compatible with Waterproof Wire Connector
- EZ-DT EZ Decoder Diagnostic Tool for wireless diagnostics with EZ-1 Decoders
- DECSTAKE10 Universal Decoder Stake Kit, 10-pack



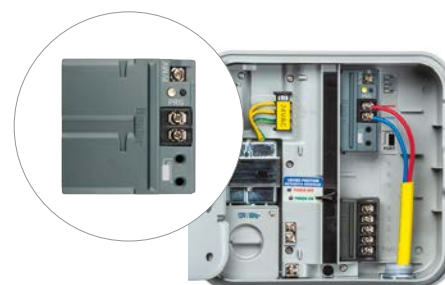
Single-Station Decoder

Height: 27/8"
Width: 15/8"
Depth: 5/8"



Decoder Output Module: EZ-DM

Height: 4 1/2"
Width: 2 1/2"
Depth: 1 5/8"



Decoder Output Module: PC-DM

Height: 3"
Width: 3"
Depth: 1 1/4"

Compatible with:



HCC Controller



ICC2 Controller



Pro-C Controller

WIRING TABLE

American Wire Gauge	Distance, single solenoid (ft.)	Distance, 2 solenoids per output
18 AWG	908	454
16 AWG	1,446	723
14 AWG	2,292	1,146
12 AWG	3,650	1,825

Note

Distances in the Wiring Table are calculated based on 60 Hz for American Wire Gauge, with a wire temperature of 120°F and a 10% safety factor.

DECODER MODELS

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