

EZ DECODER SYSTEM

Bring two-wire technology to more projects 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 (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 installations
- Permits hybrid operations of side-by-side conventional and decoder stations for added flexibility
- EZ-1 and EZ-LR Decoders have built-in status LEDs 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' (EZ-1); double distances with EZ-LR Decoders (see Wiring Table below)
- Operate any two decoders (+P/MV) simultaneously for more efficient watering (ICC2 and HCC Controllers only)
- Approvals: UL, cUL, FCC, CE, UKCA, RCM, ISED
- EZ-1 and EZ-LR Decoders are IP68 rated (submersible)
- Warranty period: 3 years

USER-INSTALLED OPTIONS

- Centralus™ Software with Pro-C and ICC2 Controllers
- Hydrowise® Software with HPC and HCC Controllers
- EZ-DT Diagnostic Tool for wireless diagnostics and troubleshooting
- DECSTAKE10 Universal Decoder Stake, 10-pack

WIRING TABLE

American Wire Gauge	EZ-1 1 active solenoid	EZ-LR 1 active solenoid
18 AWG	908'	1,898'
16 AWG	1,446'	3,020'
14 AWG	2,292'	4,790'
12 AWG	3,650'	7,628'

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 EZ Decoder
EZ-LR	Single-station, long-range EZ Decoder
EZ-DT	EZ-DT Diagnostic Tool



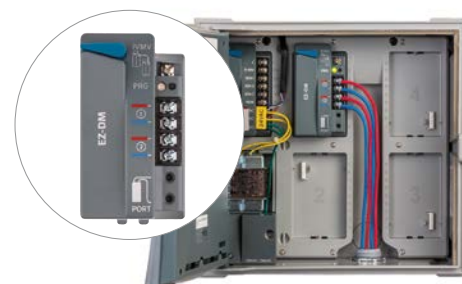
Single-Station EZ-1 Decoder

Height: 2 $\frac{7}{8}$ "
Width: 1 $\frac{5}{8}$ "
Depth: $\frac{3}{4}$ "



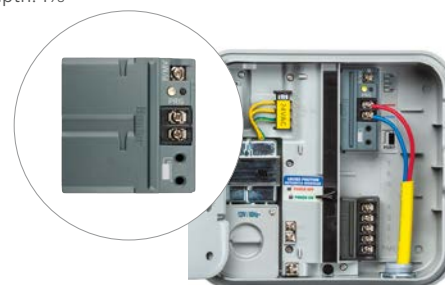
Long-Range EZ-LR Decoder

Height: 3 $\frac{5}{8}$ "
Width: 1 $\frac{5}{8}$ "
Depth: $\frac{3}{4}$ "



EZ-DM Decoder Output Module for ICC2 and HCC Controllers

Height: 4 $\frac{1}{2}$ "
Width: 2 $\frac{1}{2}$ "
Depth: 1 $\frac{5}{8}$ "



PC-DM Decoder Output Module for Pro-C and HPC Controllers

Height: 3"
Width: 3"
Depth: 1 $\frac{1}{4}$ "

Compatible with:



HCC Controller



ICC2 Controller



Pro-C Controller