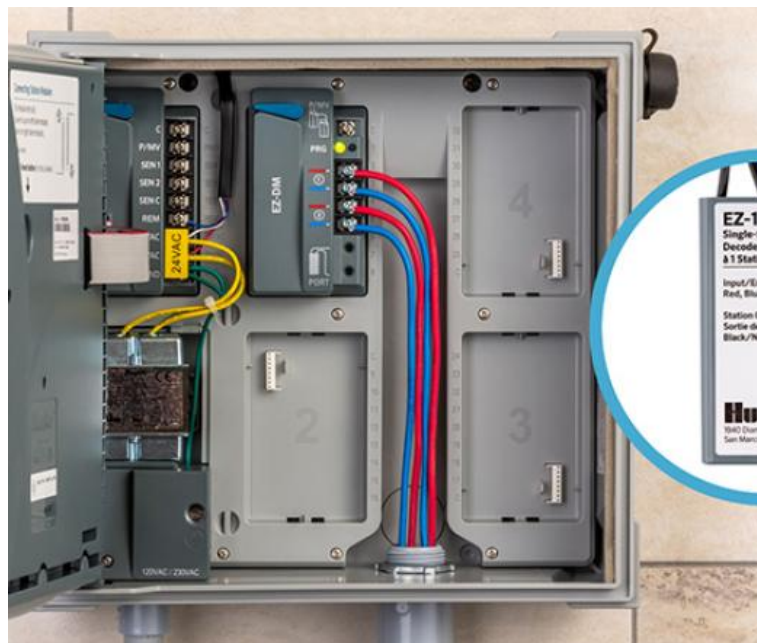# EZ Decoder System

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

KEY BENEFITS

- Number of stations: HPC/Pro-C: Up to 28, plus master valve ICC2/HCC: 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 pump stations or distant master valves
- Permits hybrid operations of conventional and decoder stations for added flexibility
- All EZ Decoders have built-in status LEDs for positive diagnostics
- Battery operated EZDT reads decoder status, detects faults, and can even update controller firmware

OPERATING SPECIFICATIONS

- Compatible with EZ-DM and PC-DM Decoder Output Modules
- Two-wire voltage: 24 VAC, 50/60 Hz
- IP68, submersible
- Standard EZ Decoder System wire colours
- Operating voltage: 24 VAC, 50/60 Hz
- For use with Hunter 24 VAC solenoids
- FCC, ISED, CE

Wiring Table

International Wire Gauge	EZ-1 one active solenoid	EZ-1 two active solenoid	EZ-LR one active solenoid	EZ-LR two active solenoid
1.00 mm^2	289 m	145 m	578 m	289 m
1.50 mm^2	458 m	229 m	916 m	458 m
2.00 mm^2	689 m	344 m	1,378 m	689 m
2.50 mm^2	730 m	365m	1,460 m	730 m
4.00 mm^2	1,160 m	580 m	2,320 m	1,160 m
6.00 mm^2	1,843 m	921 m	3,686 m	1,842 m

USER-INSTALLED OPTIONS

- Centralus™ with ICC2 and Pro-C Controllers
- Hydrawise® with HCC and HPC Controllers
- DECSTAKE10 Universal Decoder Stake Kit, 10-pack

	Hunter Two-Wire/Decoder Comparison			

PRODUCT NAME	ICD		EZ Decoder System (EZDS)	
COMPATIBLE CONTROLLERS	ACC2 Legacy ACC		HCC & ICC2 (EZDM)	HPC & Pro-C (PCDM)
MAX. DECODER STATIONS PER SYSTEM	225		54	28
WIRE OPTIONS	ID1 - 2.5 mm2	ID2 - 4 mm2	Any low-voltage, direct-burial wire will suffice	
MAXIMUM WIRING DISTANCE	3 km	4.5 km	EZ-1: 1,333 m (4 mm2) | EZ-LR: 2,786 m (4 mm2)	
WIRE CONNECTORS	DBRY-6		Waterproof connections are encouraged	
TWO-WIRE PATHS AVAILABLE	3 per 75 station module (9 max.)		EZDM - 2 PCDM - 1	
DECODER STATION OPTIONS	1-, 2-, 4-, 6-station (& ICD-SEN sensor decoder)		Single-station	
EARTH GROUNDING REQUIRED FOR TWO-WIRE PATH	Yes		No	
HYBRID CONVENTIONAL/DECODER OPERATION	No		Yes	
PROGRAMMABLE SENSOR DECODERS	Yes		No	
PROGRAMMABLE P/MV DECODERS	Yes		Yes	
HANDHELD PROGRAMMER/WIRELESS DIAGNOSTIC TOOL	ICD-HP		EZ-DT	
WARRANTY	5 years		3 years	

https://api.hunterirrigation.com/en-metric/irrigation-product/controllers/ez-decoder-system
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