

# ICD Decoders

Hunter’s premium two-wire decoders for long-distance, high-station-count ACC2 applications include two-way communications and integrated surge protection.

## KEY BENEFITS

- ICD Decoders are compatible with ACC2 Decoder Controllers and legacy ACC-99D Decoder Controllers
- 1-, 2-, 4-, and 6-station versions provide maximum flexibility
- Sensor decoders allow Flow and Klik Sensor monitoring via the two-wire paths
- Field-programmable decoders accept station numbers directly, and do not require entering serial numbers into the control panel
- Decoders can be programmed before installation at the controller interface
- Use of the ICD-HP Programmer allows for wireless decoder programming or reprogramming after installation to the two-wire path
- Integrated surge protection eliminates the need for extra surge protection devices
- Colour-coded wiring connections simplify installation
- Industrial-grade, waterproof DBRY-6 Splice Connectors included for two-wire path splices



## OPERATING SPECIFICATIONS

- Maximum recommended distance, decoder to solenoid: 45 m
- Maximum distance to decoder via two-wire path:
  - - 2 mm<sup>2</sup> wire path: 3 km
  - - 3.3 mm<sup>2</sup> wire path: 4.5 km
- Approvals: UL, cUL, FCC, CE, UKCA, RCM
- Decoder rating: IP68 (submersible)
- Warranty period: 5 years

## USER-INSTALLED OPTIONS

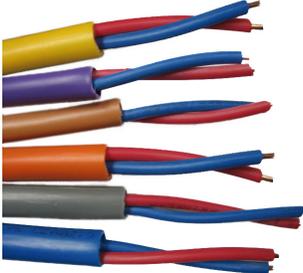
- Wireless handheld ICD-HP Programmer
- DECSTAKE10 Universal Decoder Stake, 10-pack

ID WIRE MAXIMUM WIRE RUNS	
ID 1 Wire	ID 2 Wire
1,500 m with legacy DUAL™ systems	2,300 m with legacy DUAL™ systems
3 km with ICD systems	4.5 km with ICD systems

ID WIRE MODEL GUIDE			
2 mm <sup>2</sup> Decoder Cable		3.3 mm <sup>2</sup> Long-Range, Heavy-Duty Decoder Cable	
ID1GRY	Gray jacket	ID2GRY	Gray jacket

## ID WIRE MODEL GUIDE

<b>2 mm<sup>2</sup> Decoder Cable</b>		<b>3.3 mm<sup>2</sup> Long-Range, Heavy-Duty Decoder Cable</b>	
ID1PUR	Purple jacket	ID2PUR	Purple jacket
ID1YLW	Yellow jacket	ID2YLW	Yellow jacket
ID1ORG	Orange jacket	ID2ORG	Orange jacket
ID1BLU	Blue jacket	ID2BLU	Blue jacket
ID1TAN	Tan jacket	ID2TAN	Tan jacket



Copyright © 2025 Hunter Industries Inc. Hunter, the Hunter logo, and other marks are trademarks of Hunter Industries Inc., registered in the U.S. and certain other countries.

<https://www.hunterirrigation.com/en-metric/irrigation-product/controllers/icd-decoders>  
030425