

# ICD

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

## KEY BENEFITS

- ICD decoders are compatible with Hunter ACC-99D and ACC2 Decoder controllers
- 1-, 2-, 4-, and 6-station versions provide maximum flexibility
- Sensor decoders allow flow and Clk 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
  - Wireless programming with ICD-HP allows for decoder programming or re-programming 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 DBRY-6 waterproof 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, RCM
- Decoder rating: IP68 submersible
- Warranty period: 5 years

## USER-INSTALLED OPTIONS

- ICD-HP wireless handheld programmer, see [page 136](#)



### ICD-100, 200, ICD-SEN

Height: 92 mm  
Width: 38 mm  
Depth: 12.7 mm

### ICD-400, 600

Height: 92 mm  
Width: 46 mm  
Depth: 38 mm

## DECODER MODELS

Model	Description
ICD-100	Single-station decoder with surge suppression and ground wire
ICD-200	2-station decoder with surge suppression and ground wire
ICD-400	4-station decoder with surge suppression and ground wire
ICD-600	6-station decoder with surge suppression and ground wire
ICD-SEN	2-input sensor decoder with surge suppression and ground wire

## ID WIRE MODEL GUIDE

2 mm <sup>2</sup> Decoder Cable		3.3 mm <sup>2</sup> Long-Range, Heavy-Duty Decoder Cable	
ID1GRY	Grey jacket	ID2GRY	Grey jacket
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

## ID WIRE MAXIMUM WIRE RUNS

ID 1 Wire	ID 2 Wire
1500 m with I-Core™/DUAL™ systems	2300 m with I-Core/DUAL systems
3 km with ICD systems	4.5 km with ICD systems