01 | **Versatile:** Modular design is expandable from 6-42 stations with conventional wiring, and up to 48 stations using decoders and the DUAL module

02 | **Intuitive:** Easy to install, easy to use, and easy to program

03 | **Intelligent:** Diagnostic dashboard provides real-time system status for easy monitoring

I-CORE® COMMERCIAL CONTROLLER

Hunter's Premium Mid-Range Commercial Controller

I-Core is the premium irrigation controller for demanding commercial and high-end residential sprinkler systems. I-Core has enough power and flexibility to water more landscape in less time, and includes a built-in SmartPort for wireless remote control. I-Core can also be connected to a flow sensor to verify system performance, report water usage, and intervene if unexpected high- or low-flow conditions occur. The backlit, plain-language display eases programming in all lighting conditions, and is selectable to six different languages. Hunter QuickCheck™ allows on-the-spot diagnostics of field wiring, and a Total Run Time calculator shows the exact duration of any watering scenario.

I-Core is available in a plastic outdoor enclosure with a capacity of up to 30 stations, and a metal or stainless cabinet with a capacity of up to 42 stations. I-Core can also be used as a two-wire decoder system with the DUAL® output module, up to 48 stations, with up to 7,500 feet (2,286 m) per wire path. Steel, stainless steel, and plastic pedestal configurations are also available to fit any landscape need.

Best of all, I-Core includes built-in Solar Sync® for automatic water conservation. With an optional sensor, the controller adjusts watering amounts for actual climate conditions. I-Core is EPA WaterSense-approved when used with Solar Sync.

All AC-powered Hunter controllers are now EPA WaterSense® labeled when paired with the Solar Sync weather sensor.

WaterSense · Meets EPA Criteria
Certified by ICC-ES

▌**Learn more.** Visit hunterindustries.com for more detailed information.

I-CORE® FEATURES & SPECIFICATIONS

Features

- Number of stations: 6 to 42 (48 stations with DUAL decoders)
- Type: modular
- Enclosure: outdoor (plastic or metal)
- Independent programs: 4
- Start times per program: 8 (A, B, C); 16 (D)
- Max. station run time: 12 hrs
- Warranty period: 5 years

Specifications

- Transformer input: 120/230 VAC, 50/60 Hz
- Transformer output (24 VAC): 1.4 A
- Dual voltage transformer (120/240 VAC)
- Station output (24 VAC): 0.56 A
- Simultaneous program operation: 2
- Pump/master valve (24 VAC): 0.28 A
- Sensor inputs: plastic: 2; metal: 3

Approvals

- CE, UL, cUL, C-tick, FCC
- Wall mount enclosures: IP44
- Plastic pedestal: IP24

Model

PLASTIC OUTDOOR
Height: 11"
Width: 13¼"
Depth: 6¼"

METAL WALL MOUNT
(gray or stainless)
Height: 12⅜"
Width: 15½"
Depth: 6⁷⁄₁₆"

PLASTIC PEDESTAL
Height: 39½"
Width: 23½"
Depth: 17"

METAL PEDESTAL
(gray or stainless)
Height: 36"
Width: 15½"
Depth: 5"

I-CORE	
Model	Description
IC-600-PL	6-station controller, indoor/outdoor, plastic cabinet
IC-601-PL	International version, 6-station controller, indoor/outdoor, plastic cabinet
IC-600-M	6-station controller, indoor/outdoor, metal cabinet
IC-600-PP	6-station controller, indoor/outdoor, plastic pedestal
IC-600-SS	6-station controller, indoor/outdoor, stainless steel cabinet
ICM-600	6-station plug-in expansion module
ACC-PED	Metal pedestal, gray powder-coated, for use with I-Core and ACC metal controllers
PED-SS	Stainless steel pedestal for use with I-Core and ACC stainless steel controllers
DUAL48M	Two-wire decoder output module for up to 48 decoder stations

ENCLOSURE TYPES & EXPANSION	
Enclosure Type	Expands To
Plastic cabinet	30 stations
Metal/stainless steel cabinet	42 stations
Plastic pedestal	42 stations
Metal/stainless steel pedestal	42 stations

Helping our customers succeed is what drives us. While our passion for innovation and engineering is built into everything we do, it is our commitment to exceptional support that we hope will keep you in the Hunter family of customers for years to come.

Gregory R. Hunter, President of Hunter Industries

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FSC MIX Paper from responsible sources FSC® C006076

I-CORE™

Flow monitoring and two-wire capabilities make I-Core an ideal fit for standalone midsize commercial and high-end residential projects.

KEY BENEFITS

- Number of stations:
  - Conventional: 6 to 30 (plastic), 6 to 42 (metal and pedestals)
  - With DUAL™ decoder: up to 48
- 4 independent irrigation programs (8 start times each) allow for customised scheduling
- 12-hour maximum station run time provides flexibility for lower-flow zones
- Any 2 programs can operate simultaneously for more efficient watering
- Sensor inputs:
  - 2 (plastic)
  - 3 (metal and pedestal)
- 1 P/MV output for pump start relay and master valve activation
- Flow-monitoring capabilities provide real-time water usage data
- Programmable No Water Window prevents all irrigation for a specified time frame
- High-visibility, backlit display with 6 selectable languages

OPERATING SPECIFICATIONS

- Transformer input: 120/230 VAC
- Transformer output (24 VAC): 1.4 A
- Station output (24 VAC): 0.56 A
- P/MV output (24 VAC): 0.28 A
- Approvals: Plastic Wall Mount IP44, Metal IP56, Plastic Pedestal IP34, NEMA 3R, UL, cUL, FCC, CE, RCM
- Warranty period: 5 years

Plastic Outdoor
Height: 28 cm
Width: 33.7 cm
Depth: 15.9 cm

Metal Wall Mount
(grey or stainless steel)
Height: 31.4 cm
Width: 39.4 cm
Depth: 16.5 cm

Plastic Pedestal
Height: 99 cm
Width: 61 cm
Depth: 43 cm

Metal Pedestal
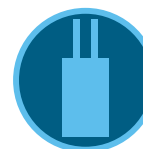(grey or stainless steel)
Height: 91.4 cm
Width: 39.4 cm
Depth: 12.7 cm

I-CORE	
Model	**Description**
IC-600-PL	Base 6-station controller, indoor/outdoor, plastic cabinet
IC-600-M	Base 6-station controller, indoor/outdoor, metal cabinet
IC-600-PP	Base 6-station controller, indoor/outdoor, plastic pedestal
IC-600-SS	Base 6-station controller, indoor/outdoor, stainless steel cabinet
ICM-600	6-station plug-in expansion module
ACC-PED	Metal pedestal, grey powder-coated, for use with I-Core and ACC metal controllers
PED-SS	Stainless steel pedestal for use with I-Core and ACC stainless steel controllers

DUAL	
Model	**Description**
DUAL48M	DUAL decoder output module, up to 48-stations maximum
DUAL-1	DUAL 1-station decoder (includes 2 DBRY-6 connectors)
DUAL-2	DUAL 2-station decoder (includes 2 DBRY-6 connectors)
DUAL-S	DUAL surge arrestor (includes 4 DBRY-6 connectors)

Compatible with:

Solar Sync Sensor
Page 146

DUAL Decoder
Page 135

Flow-Sync Sensor
Page 148
WFS Sensor
Page 149

Smart Approved WaterMark

Smart WaterMark
Recognised as a responsible water-saving tool when used with a Solar Sync sensor

STANDARD CONTROLLERS