

TDC+ Controllers

- Up to 204 Stations
- Software programmable
- Two-wire Decoders
- Flow Sensor Remote Ready

The installation benefits of Two-Wire combined with the feature benefits of a Sentinel Controller!
EICON Special Build's latest control system is easy to install and expand.



Specifications

Dimensions

- Small wall-mount:
14" W x 13" H x 6" D (355 x 330 x 152mm)
- Stainless steel wall-mount:
17 1/8" W x 30 3/4" H x 8 5/8" D (435 x 781 x 219mm)
- Stainless steel pedestal-mount:
17 1/8" W x 34 1/2" H x 8 5/8" D (435 x 876 x 219mm)
- Plastic Pedestal-mount:
17" W x 40" H x 16" D (432 x 1016 x 406mm)
- Weight:
 - Small Metal Wall-mount: 21 lbs (9,5 kg)
 - Stainless steel wall-mount: 47 lbs (21,3 kg)
 - Stainless steel pedestal-mount: 64 lbs (29,0 kg)
 - Plastic Pedestal: 60 lbs (27,2 kg)

Electrical Specifications

- Input power: 120 VAC or 220/240 VAC (50/60 Hz)
- Station output power: Up to 38 VAC maximum; 3 amps maxi. output
- Wiring two-wire path: Jacketed, twisted pair 14 AWG to 15,000 ft (4572 m)
- Wiring two-wire path: Jacketed, twisted pair 16 AWG to 8,450 ft (2575 m)
- Wiring decoder to solenoid: Jacketed, twisted pair 14 AWG to 400 ft (122 m)

Features & Benefits

Software Based Setup And Programming

Each Satellite is shipped with multi-lingual Sentinel WMS Software and serial cable for direct connection to any computer

Instant viewable two-way communication for uploads and downloads of setup, configuration settings and programs

Easy 5 digit decoder addressing for up to 204 zones per controller

Interactive reports detailing alarms, water usage, and flow graphs

Program backup and storage

Lower Installation Costs

Two-Wire installations proven to save money on materials and labor at 30 zones or above

System Performance

Operate 16 simultaneous valves up to 2.7 miles (4,3km) in any direction from the controller when used with Toro® Decoders

Flow Sensing and automatic station shut-down, plus logging of daily, monthly and yearly water use

UHF radio Hand Held Remote compatible (SHHR) for extended coverage distance from the controller

Rain Sensor and Switch Sensor connection

Sentinel Hand Held Remote Model List

Model	Description
ESB-TDC+	Enhanced Two-Wire Controller

TDC Series Model List

Two-Wire Station Decoders

Model	Description
CDEC-ISP-1	1-station w/ integrated surge protection (Operates up to two solenoids)
CDEC-ISP-2	2-station w/ integrated surge protection (Operates up to four solenoids)
CDEC-ISP-4	4-station w/ integrated surge protection (Operates up to eight solenoids)

Specifying Information—TDC+ Controllers

ESB-TDC+-XXX-XXX				
Configuration		Station Count	Enclosure Type	
ESB	TDC+	XXX	XXX	
ESB204-U2/—EICON Special Build	TDC+—Enhanced Two-wire Controller	100—100 Station Capability 200—200 Station Capability	WS5 - Small Painted Cabinet WS4 - Medium SS Cabinet	WS2 - SS Wall Mount PS1 - SS Pedestal