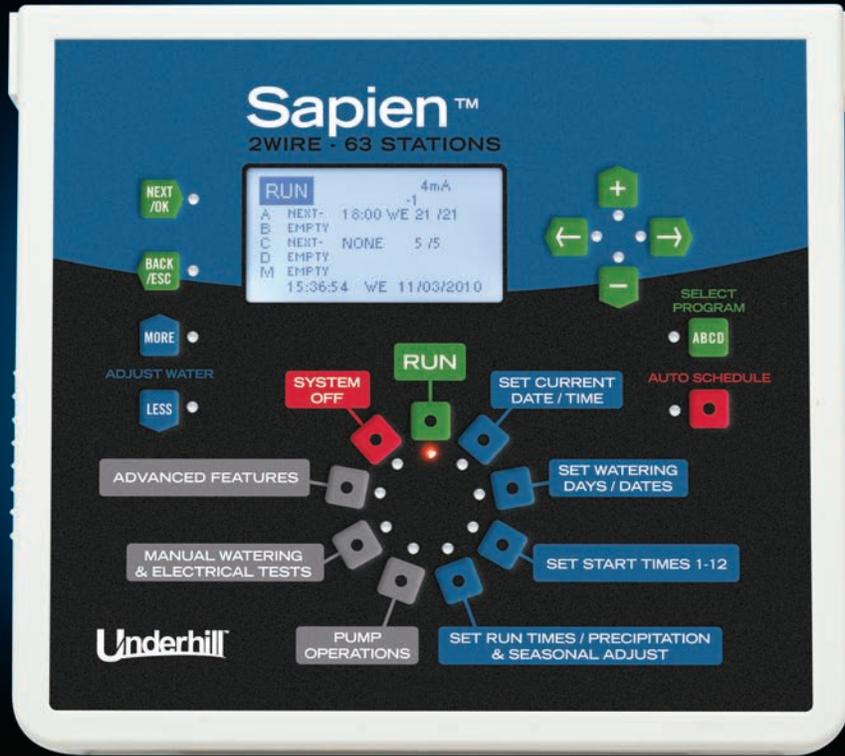


# Underhill Sapien™

## 2WIRE 63-Station Controller

NEW!



Once in a while, a product comes along that changes everything.

Sapien from Underhill does just that - a pure decoder-based irrigation controller offering incredible power in a small, affordable package. It sets a new standard for commercial and high end residential applications - new systems, conversions and expansions.

### Brainy and Brawny

Sapien is packed with power to control up to 63 stations. The backlit display and exclusive *LightTouch™* technology at your finger tips makes programming a breeze with buttons that light up in sequence to guide you.

### Simple and Affordable

2WIRE is the future of irrigation control, and you can start using it now with a controller that is easy to install and easy on your budget. In addition, **no special wire is needed and no field (decoder) grounding necessary.** And the controller even has a built-in decoder programmer.

### Field Proven Decoders

With over 150,000 decoders in the ground worldwide and 15 years of 2WIRE development, Underhill has a proven record of providing advanced technology built to perform and last.





## Features

- 1 to 63 Stations
- LightTouch™ button programming guide
- Indoor/outdoor, waterproof enclosure
- Bold, backlit graphic display
- Uses standard underground irrigation wire (can retrofit existing wiring) up to 5,300 ft.

## Advanced Features

### PROGRAMS

- ABCD + manual
- % seasonal adjust
- 12 start times per day
- Maximum station run time: 9 hours
- History records

### ELECTRICAL

- Grounding: controller only, not necessary along 2-wire path
- Up to 5 simultaneously active valves
- Built-in electrical testing
- Built-in decoder programmer (optional field programmer available)
- Decoder to solenoid maximum distance: 1000 ft. / 300 m
- Valves per decoder: 2

### COMMUNICATIONS

- Radio ready
- Rain, wind, frost sensor compatible



Offering incredible controller power in a small, simple package, Sapien puts the "art" in smart.

## Models / Dimensions

Plastic Cabinet: 6.3" H x 7.33" W x 1.78" D (16 cm x 18,6 cm x 4,5 cm)  
 External Transformer: 3.6" H x 2.2" W x 2.75" D (9 cm x 5,5 cm x 4,5 cm)  
 Stainless Steel Wall Mount and Pedestal models available

## Specifications

Transformer Input: 120 VAC, 60Hz (230 VAC, 50/60 Hz International)  
 Transformer Output: 26 VAC, 1.3 amp  
 Station Output: 25 VAC, 0.60 amps per station  
 Maximum Output: 25 VAC, 1.2 amps (includes Master Valve Circuit)  
 Battery Backup: Lithium coin cell battery (typical 5-year)  
 UL, CE transformer



Vandal resistant stainless steel pedestal

## Ordering

### Part # TW-3

Sapien™ 63-station 2WIRE controller

### Part # TW-TK-DEC-1

Field-programmable 2WIRE decoder (includes 4 DBRY connectors)



## Underhill International Corporation

20505 Crescent Bay Dr. • Lake Forest, CA 92630 USA

tel: 949.305.7050 • fax: 949.305.7051 • 1.866.863.3744 • www.underhill.us



© 2010 Underhill International Corporation. All rights reserved. This literature is for informational purposes only. Underhill International makes no warranties, expressed or implied, in the product descriptions.

Form # LIT-S-D10