

## AEROBIC & CONVENTIONAL SEPTIC APPLICATIONS

A universal septic control panel, designed to control and monitor all functions of an advanced septic system. Remotely configure pump schedule for distribution pump.

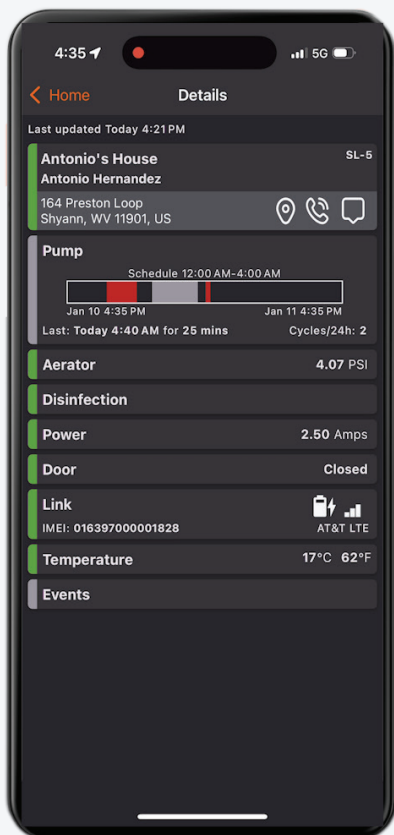
## REMOTE PROCESS MONITORING

Septilink provides you with real-time status and a long-term historical log of your systems performance by tracking multiple data



## REMOTE MONITORING TECHNOLOGY

### DATA AT YOUR FINGERTIPS



### PROACTIVE MAINTENANCE

By tracking critical indicators such as power use, aerator pressure, and pump run patterns, Septilink can detect symptoms of common failure points for septic systems before they become critical.



### ALARM NOTIFICATIONS

Receive immediate notifications on your cell phone when an alarm event is triggered. Have the necessary information to diagnose issues from the historical data in the mobile app.



### PUMP MONITORING

See when your pump is running with pump-run times and cycle count. Determine if your system is running as designed. Common issues such as surface water contamination, system overload, and electrical deterioration can be observed before the system fails.



### CONNECT WITH A SERVICE PROVIDER

The Septilink app can provide your maintenance contractor with the data needed to accurately diagnose and service your system.

# SL-7 | Innovative and Reliable

Electrical	
Operating Power	120VAC 30A (Max) 1PH 60Hz

Physical Dimensions	
Dimensions	10" x 8" x 3" 254mm x 203mm x 76mm  10" x 8" x 4" 254mm x 203mm x 102mm
Weight	6 lbs 2.7 kg
Mounting	3" Enclosure: Fixed Feet 4" Enclosure: Adjustable Feet
Material	Polycarbonate

Features	
Color-coded, Tool-free WAGO Wire Terminals	
Pump Control: On-Demand, Cycle, Time of Day	
Surge Protection with LED Indication	
2 Float Operation (Low & High Level/Override)	
Internal Status LEDs	
Hinged Cabinet with Door Open Detection	
Power Fail Detection & Reporting	
Remote Control & Configuration via Septilink App	
1 Year Warranty	

Certifications	
UL	UL STD 61010-1 CSA STD C22.2#61010-1-12
Enclosure UL	Type 1, 3R, 4, 4X, 12 UL 94-5VA CE Certified cULus Listed File #E319779 cULus Listed File #E362920 Outdoor Exposure UL746c (f1)
FCC ID	APV-2650MB
IC	5843C-2650MB

Environmental	
Temperature	-30°C - 60°C (-22°F - 140°F)
Humidity	85% RH @ 50°C NON-CONDENSING
Max Altitude	3000 Meters

Monitoring	
Current Monitoring (0-20 Amps)	
Air Pressure (0-15 PSI)	
System Power Fail Detection	
Power Surge Protection Failure Detection	
Pump Run Time & Daily Cycle Count	
GPS Location (Actual System location)	
Enclosure Door Status (Open/Closed)	
High Level Alarm	
Low & High Air Pressure (Normal/Alarm)	
Disinfection Input Status (Normal/Alarm)	
Water Meter Input (Pulse Count)	
Network Status (Signal Strength, 2G/3G/4G)	
GPS Clock (Never loses time)	

Installer Connections* (J1) AC Only	
1 - Input Power Line (BLACK)	120VAC 30A Max
2 - Input Power Neutral (WHITE)	
3 - Input Power Ground (GREEN)	
4 - Output Pump Line (BLACK)	120VAC 20A
5 - Output Pump Neutral (WHITE)	
6 - Output Pump Ground (GREEN)	
7 - Output Aerator Line (BLACK)	120VAC 10A
8 - Output Aerator Neutral (WHITE)	
9 - Output Aerator Ground (GREEN)	
10 - Output Disinfection Line (BLACK)	120VAC 10A
11 - Output Disinfection Neutral (WHITE)	
12 - Output Disinfection Ground (GREEN)	
13 - 1 Low Level / Pump Float (120VAC Constant)	
14 - 2 Low Level / Pump Float (Switched)	
15 - 1 High Level / Water Float (120VAC Constant)	
16 - 2 High Level / Water Float (Switched)	

\*Lever Actuation Connector - AWG 8-24 Solid/Stranded Strip Length 0.43 - 0.51 inches

Enclosure Connections** (J2) DC Only	
1 - Door Switch +	Door Sensor Circuit
2 - Door Switch -	Door Sensor Circuit
3 - HLA +	Red Lamp Wire
4 - AIR +	Yellow/Green Lamp Wire
5 - DIS +	Blue Lamp Wire
6 - GND -	Black Lamp Wire
7 - Test +	Pump Test Switch (OFF-MOM)
8 - Test -	Pump Test Switch (OFF-MOM)
9 - Mute +	Buzzer Mute Switch (OFF-ON)
10 - Mute -	Buzzer Mute Switch (OFF-ON)
11 - MTR Input +	Water Meter Circuit (1 PPG) Pulse Width: 150 ms min. (Normally Open, Pulse Counter)
12 - MTR Input -	Water Meter Circuit
13 - DIS Input +	Disinfection Circuit (Normally Open)
14 - DIS Input -	Disinfection Circuit

\*\*Lever Actuation Connector - AWG 14-26 Solid/Stranded Strip Length 0.31 - 0.35 inches

Communications	
Cellular Technology	4G LTE CAT-M1 & GSM
Cellular Networks	AT&T, T-Mobile, Verizon, Alaska, US Cellular, Bell, Telus, Rogers, Videotron
Cellular Antenna	Internal
GPS Antenna	Internal
Shock & Vibration	U.S. Military Standards 202G, 810F, SAE J1455
Battery	Internal 1100mAh

Configurations (S1)	
1 - DEMAND PUMP	ON - Pump Relay engaged by Low Level Float (J1) OFF - Pump Relay activated by Low Level Float & Link Pump Schedule.
2 - AIR ALARM	ON - System will Alarm on Air Pressure. OFF - System will not Alarm on Air Pressure.

