

ASSET MONITORING

Septilink provides you with real-time status and a long-term historical log of your systems operation by tracking up to 4 auxiliary inputs, current and air pressure sensing, and 3 auxiliary outputs.

APPLICATIONS

Designed as a rugged remote monitoring and control device, the SL-3 provides visibility into a variety of assets including septic systems, restrooms, detention ponds, buildings, and water tanks.



REMOTE MONITORING TECHNOLOGY

DATA AT YOUR FINGERTIPS



CONTROL OUTPUTS

The SL-3 provides 3 auxiliary outputs for users to individually configure on/off schedules on the mobile app. These schedules can be programmed as a cycle timer, or up to 4 unique time-of-day/day of week schedules.



SENSOR INPUTS

The SL-3 supports 4 auxiliary inputs that can be interfaced as either 120VAC or closed contact inputs. The SL-3 also monitors the pass-through current and air pressure of an external air source.



DATA ANALYTICS

Real time status of inputs and outputs, as well as a historical record and accumulation of input changes can be configured and viewed on the mobile app.



CONNECTION & LOCATION

The SL-3 connects wirelessly with all of the major North American cellular networks and is highly reliable even in areas of weak signal strength. A GPS receiver provides an accurate clock and location of the system.

SL-3 | Innovative and Reliable

Electrical	
Operating Power	120VAC 0.15A 20W 1PH 60Hz
Pass-through Current	120VAC 30A (Max) (1 HP Max)

Physical Dimensions	
Dimensions	8" x 6" x 4" 203mm x 152mm x 102mm
Weight	4 lbs 1.8 kg
Mounting	Horizontal or Vertical Mounting Feet suitable for uneven surfaces
Material	Polycarbonate

Features	
Color-coded, Tool-free WAGO Wire Terminals	
Reliable Pass-Through Operation	
Surge Protection with LED Indication	
5V & 12V Power Supply Diagnostic LEDs	
Internal Status LEDs	
Hinged Cabinet with Door Open Detection	
Power Fail Detection and Reporting	
Remote Control & Configuration via Septilink App	
1 Year Warranty	

Certifications	
UL	UL STD 61010-1 CSA STD C22.2#61010-1
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 and Daily Cycle Count	
System GPS Location (Actual System location)	
Enclosure Door Status (Open/Closed)	
High Water 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 Power Line (BLACK)	120VAC 30A Max
5 - Output Power Neutral (WHITE)	
6 - Output Power Ground (GREEN)	
7 - AUX1 Input (GRAY)	
8 - AUX2 Input (GRAY)	
9 - AUX3 Input (GRAY)	
10 - AUX4 Input (GRAY)	

*Lever Actuation Connector
AWG 8-24 Solid/Stranded
Strip Length 0.43 -0.51 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 and Vibration	U.S. Military Standards 202G, 810F, SAE J1455
Battery	Internal 1100mAh

Enclosure Connections** (J2) (12VDC MAX)	
1 - Door Switch +	Door Sensor Circuit
2 - Door Switch -	Door Sensor Circuit
3 - AUX1 +	High-Level Alarm Circuit
4 - AUX1 -	High-Level Alarm Circuit
5 - AUX2 +	Disinfection Alarm Circuit
6 - AUX2 -	Disinfection Alarm Circuit
7 - AUX3 +	Water Meter Circuit
8 - AUX3 -	Water Meter Circuit
9 - AUX4 +	Protection Circuit
10 - AUX4 -	Protection Circuit
11 - OUT1	Relay Control Output 150 mA max to GND
12 - OUT2	Relay Control Output 150 mA max to GND
13 - OUT3	Relay Control Output 150 mA max to GND
14 - 12VDC	12VDC Output for OUT 1-3 (0.5A max)

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

Configurable Outputs (Septilink Mobile App)	
OUT1	Up to 4 Concurrent Schedules Time-of-Day (Start & End) Day-of-Week (M-T-W-T-F-Sa-S)
OUT2	Up to 4 Concurrent Schedules Time-of-Day (Start & End) Day-of-Week (M-T-W-T-F-Sa-S)
OUT3	Cycle Timer On/Off Hours:Minutes

Clock Example:
Sch1 (8:00 am - 5:00 pm M-T-W-T-F)
Sch2 (10:30 am - 4:00 pm Sa-S)

Cycle Timer Example:
On (20 Minutes)
Off (40 Minutes)

