

Why Your Clients Need Telemetry

Automated water level data collection reduces costs.

Telemetry systems provide an efficient means to access remote water level data, without traveling so frequently to a monitoring site. Telemetry systems provide numerous advantages, including:

- Long-term cost savings
- Decreased site visits to restricted or hazardous areas
- Frequent and scheduled access to detailed data
- Early detection and resolution of problems
- Accurate, high-resolution data for confident decision-making

Read our Blog Post: [Solinst Telemetry Options For Water Resource Management](#)



Recommending & Quoting Model 9100 STS Edge Telemetry

1 When should the STS Edge be recommended?

- Client has or wants to use Solinst Levelloggers and/or vented water level dataloggers
- A high/low level alarm feature is required.
- 3 or 4 dataloggers are needed per remote system.
- Topography is too variable and field site too large for radio telemetry only.
- Client prefers transfer of data via Internet and cellular coverage is available.

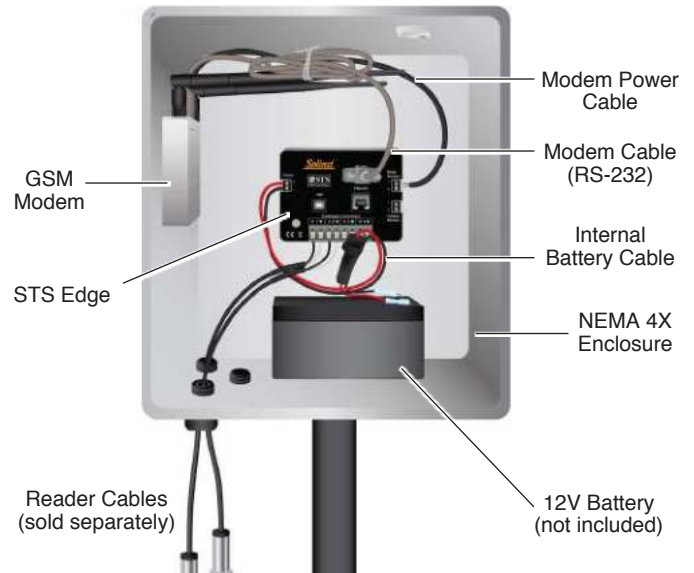
Note: For more details, see the Solinst Telemetry Overview document.

2 What is the difference between the STS Edge Telemetry System – GSM Modem (PT113385) and the STS Edge Telemetry Assembly with Cables (PT113517)?

PT113385 – complete system with the STS Edge controller/distribution box, modem, connection cables, and enclosure.

PT113517 – special distributor package that comes only with the STS Edge controller/distribution box, connection cables. Enclosure and **modem** are sourced separately.

Note: Solinst does not provide batteries for either of the options listed above. Batteries must be sourced locally. Specifications for the battery are: 12V, 12-30 AHr deep cycle, rechargeable sealed lead-acid battery (contact Solinst for maximum dimensions if using inside a Solinst enclosure).



STS Edge Telemetry System
– GSM Modem (PT113385)

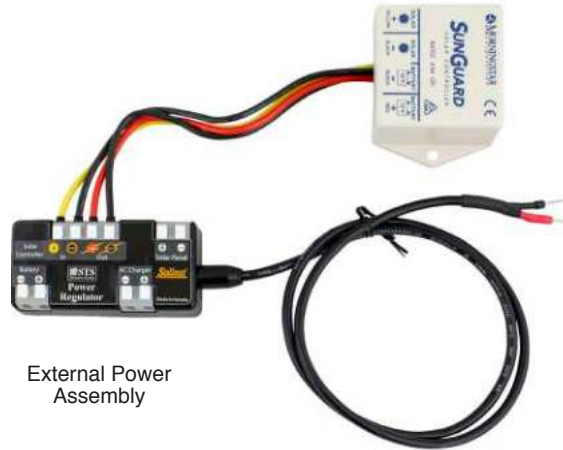
3 What other accessories are required to go with the STS Edge System and dataloggers?

- 15 ft. Reader Cable (PT108854) per datalogger.
- Direct Read Cable of required length, per Levelogger.
- Software – PT108747 to purchase, or free download.



4**What optional accessories are available for the STS Edge Telemetry System?**

- External Power Assembly (PT113534) for connecting user-supplied external power, e.g. solar panel, battery charger, etc.



- Optical Reader to program Levelloggers individually (PT110149).
- PC Interface Cable Assembly (PT109609) to allow checking of Levelloggers and Direct Read Cables in the field, and programming LevelVent dataloggers.



5 How can STS Edge Telemetry be combined with Model 9200 RRL Radio Telemetry?

If your client has a remote RRL radio telemetry network, but wants to transmit data to a home station offsite via a GSM modem, this is now offered by Solinst. Data can be bridged between these two systems as long as cell service is available. Contact Solinst if you have an application that could benefit from using both 9200 RRL Telemetry and the 9100 STS Edge. Old STS Edge systems can be inexpensively upgraded to include this feature, or units can be ordered with the capability of bridging with an existing or new RRL network.

