

Cellular Modem Options for Energy Monitoring Hubs (EMH)

Product: Leviton Energy Monitoring Hubs

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Summary: Options for Cellular Modem Use with Leviton Energy Monitoring Hubs

Information: Leviton offers Energy Monitoring Hubs in three different configurations: the A8812, A8810 and A7810. A commonality amongst these hubs is they have an on-board ethernet port for connection to a network. This provides for the most common form of communications to the internet and a hard-wired connection to a building network. However, there are circumstances where a hard-wired network connection is not available. The most logical solution to this problem is a cellular modem connected to the hub. The purpose of this article is to explain options for cellular modems supported by Leviton.

Leviton offers a 4G modem manufactured by MultiTech. The recommended version of the modem is indicated below:

- Part # MTR-LNA7-B07-US
Modem for both AT&T (GSM) & Verizon (CDMA)



The modem comes with an antenna and a plug-in power supply and is connected to the hub via an ethernet connection. It also requires a 120V duplex outlet for power.

Keep in mind customers must provide cell service (data plan and SIM card for GSM only) for the modem. This service plan must be activated, and the Mini SIM card installed in order to allow a Leviton Field Service Engineer to perform start up services.

An alternative to this is to offer the UL508 packaged solution completely wired, configured, and set up (less the data plan and Mini SIM card). This packaged solution includes an A8810 Hub and MultiTech Modem installed in a NEMA 4X enclosure.

- 810DU-000, CDMA/GSM Modem and A8810



Quote Process

To get pricing for the MultiTech modems or UL508 solutions, please send a quote request to [EMC&A Quotes](#) with the appropriate part number.

Commissioning & Start Up-Hubs with Cellular Modems

To ensure proper functionality, commissioning of this product is mandatory. As stated earlier, the data plan and SIM card (if required) must be in place and active prior to commissioning and start up. There are no options for remote configuration.