

Hunt Technologies

The Hunt Technologies StatSignal S4 endpoint is designed to accommodate Landis+Gyr S4 and S4e meters for use in residential and light industrial services. The endpoint is backward-compatible to S4 firmware v3.15. The StatSignal S4 module directly reads kWh usage data from the meter register and sends this information to a StatSignal AiNODE collection device utilizing RF transmission. The AiNODE collector forwards this information to Hunt Technologies' Command Center software.

Model: FASY-0713
FCCID: TEB-HUNTSS713
IC: 5931A-HUNTSS713

Compliance Statement (Part 15.19)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

CAUTION Changes or modifications not expressly approved by Hunt Technologies for compliance could void the user's authority to operate the equipment.

Endpoint Location

To comply with FCC's RF exposure limits for general population/uncontrolled exposure, the antenna(e) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

Endpoint Usage

The StatSignal S4 endpoint will be used:

- for residential and commercial metering applications.
- at homes and businesses.

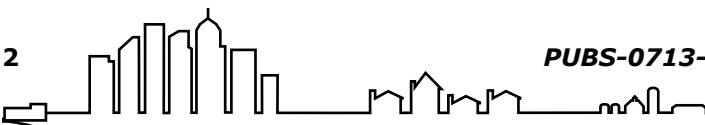
The StatSignal S4 endpoint requires professional installation by qualified personnel.

RF Interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the meter off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult Hunt Technologies or an experienced radio/TC technician for help.



Specifications

Table 1. StatSignal S4 Endpoint Specifications

Category	Specification	Value or Range
Compatible Meters	Meter Type	Landis+Gyr S4 and S4e
	Supported Meter Forms	1S, 2S, 3S, 4S, 5S 45S, 6S, 36S, 29S, 8S, 9S, 12S/12SE, 25S/25SE, 12K/27K, 14S/14SE, 15S/15SE, 16S/16SE, 14K/15K/16K
Electrical	Voltage	9 - 13V (from the meter's power supply)
	Power	1.8W max, 400mW typical
RF	Output Power	+26 dBm typical (+24 dBm over environment)
	Adjacent Channel Power	+50 dBc Nominal
	Transmit Frequency	902 to 928 MHz ISM unlicensed (FCC Part 15)
	Communication Protocol	StatSignal RF MESH Protocol
Standards Compliance	FCC Title 47 CFR Part 15	Radiated and Conducted Emissions (incl. intentional radiators)
	IEC 61000 4-2,3,4,5,11,12	Electromagnetic Compatibility
	ANSI C12.19	Compatible with Utility Industry End Device Tables
	ANSI C12.20	National Standard for Electricity Meters - 0.2 and 0.5 Accuracy Classes
	ANSI C12.21	Code for Electricity Metering
Environmental	ANSI C37.90.1 (1989)	Standard Surge Withstand Capability (SWC) Tests
	General Environmental	Outdoor, rain-protected, sunlight-exposed
	Operating Temperature Range	-40 to +70 C (under meter glass)
Mechanical	Humidity	0 to 95% relative humidity, non-condensing
	Size	1.625 H x 5.5 W x .75 D inches, typical
	Weight	1.6 ounces (45.36 g), typical

Contact Information:	Technical Support: 1-888-390-5733	Internet: www.hunttechnologies.com	Fax 1-218-562-5530	E-mail: support@hunttechnologies.com
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