

Smart Gateway Battery Life Estimation

Quick Guide

Description

The following battery life estimation table is provided as a resource to determine the best MSR/STR settings for your Smart Gateway device.

To ensure the longevity of your Smart Gateway device, Sensus recommends that you select a MSR/STR that is no less than 1 min/5min. In addition, Sensus recommends that you select 5 minutes or greater for either MSR or STR when using MOM.



Battery Life Estimation

MSR/STR	ONE 4-20MA SENSOR		TWO 4-20MA SENSORS	
	LAT (YEARS)	MOM (YEARS)	LAT (YEARS)	MOM (YEARS)
12 SEC/1 MIN	0.27	0.27	0.17	0.17
20 SEC/1 MIN	0.29	0.29	0.19	0.19
1 MIN/5 MIN	1.33	1.32	0.86	0.85
5 MIN/15 MIN	3.99	3.93	2.66	2.63
15 MIN/1 HR	12.86	12.25	9.01	8.71

MSR = METER SAMPLE RATE

STR = SUPERVISORY TRANSMIT RATE

LAT = LISTEN AFTER TALK

MOM = MIDDLE OF MINUTE