

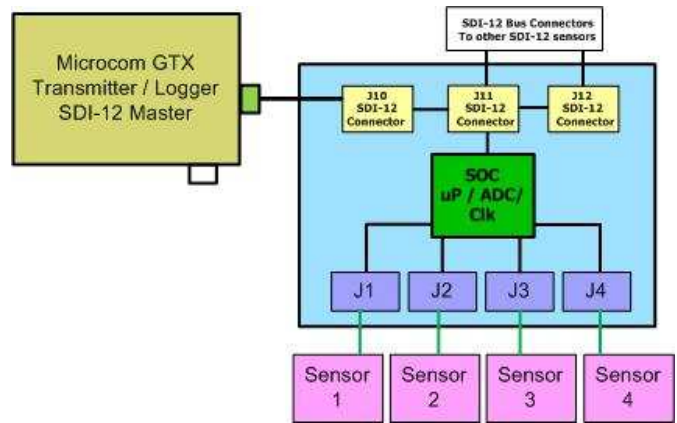


Microcom Design, Inc.

SDI QUAD Sensor Module

Station Support GTX to Four Sensors

P/N 420 MSM-2



Description

The 420 Quad sensor module extends the capability of the GTX by interfacing with up to four sensors. These sensors may have counter type output such as some types of wind sensors or analog outputs such as potentiometers or thermistors. Two of the analog inputs may be configured as differential inputs. The picture below shows a Quad 420 MSM at a Weather Station. The 420 is used to read a wind sensor speed and direction, air temperature, and relative humidity.



Quad Sensor Module with GTX

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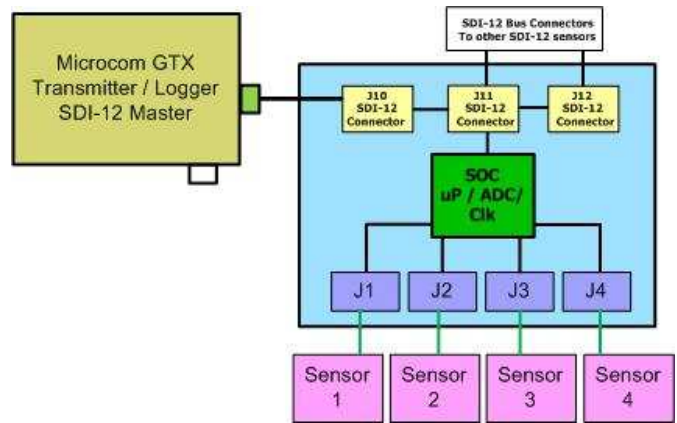


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Additionally the 420 may be used external to the main enclosure. This allows a distributed system to be constructed where a number of Modules may be used at the site. Three SDI-12 wiring ports allow only a single cable to be used on structures such as towers or dams.

Power is derived from the SDI-12 port. Power consumption for most system set up is less than 1 milliwatt.

Options:

Package: ABS plastic Enclosure
Aluminum NEMA enclosure
Packing gland cable entry
MS type connector cable entry

ADC : 12 bit or 16 bit

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