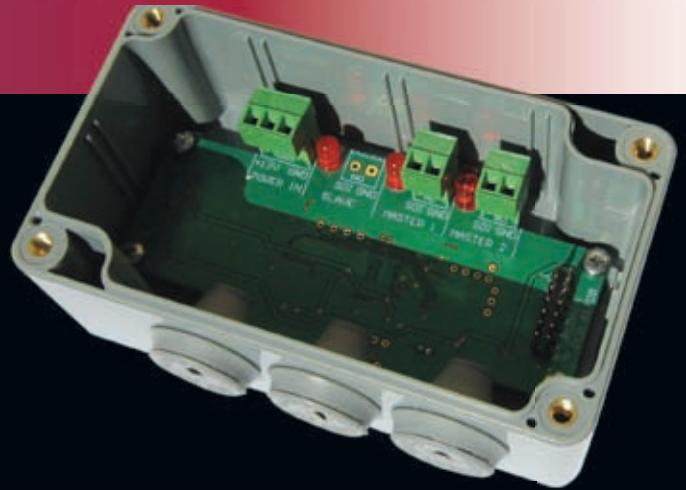


6411A SDI-12 Listener



Features

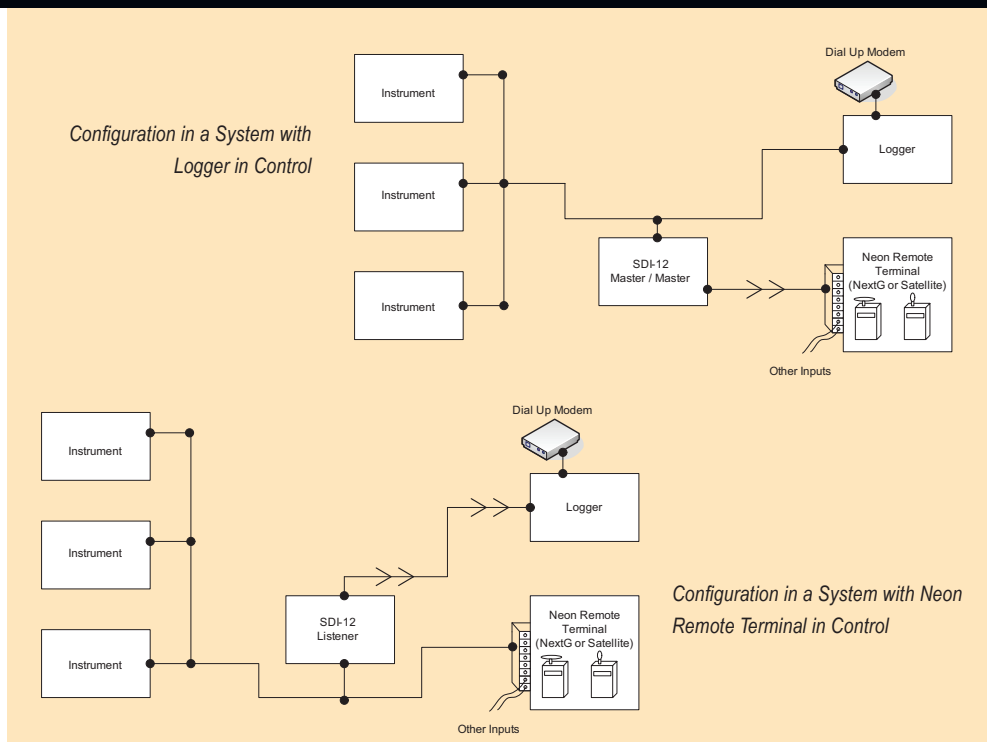
- Stores information from up to 9 independent SDI-12 sensors
- Recorded values with or without CRC can be accessed
- CRC will be appended where required
- Commands supported included aM!, aMC! and aD0!
- Address 9 is tagged with a value of 0 or 1
- Address 9, Value 0 indicates normal listening
- Address 9, value 1 indicated listener has taken control 1
- Listener is always updated with the latest reading
- Power supply 9 -30V DC
- Power Consumption 300 uA

When upgrading from a traditional logger system, with a dial up modem to a newer NRT push telemetry system, there may be a need to have both loggers, the old and the new on the same SDI-12 bus. In this configuration the newer logger can act as a primary logger, but the existing logger can be listening on the SDI-12 bus, and take over the logging operations in the event the primary logger fails.

The SDI-12 listener has been developed to allow more than one master to extract information from an SDI-12 bus with only one master controlling the bus.

The SDI-12 listener is connected to the SDI-12 bus and listens and record traffic

During the first 6 hours of operation the SDI-12 listener will record the longest pause in traffic on the SDI-12 bus. If there is a break in SDI-12 traffic that is four times greater than the longest pause then the SDI-12 listener will allow the second master access to the SDI-12 traffic.



6411A



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