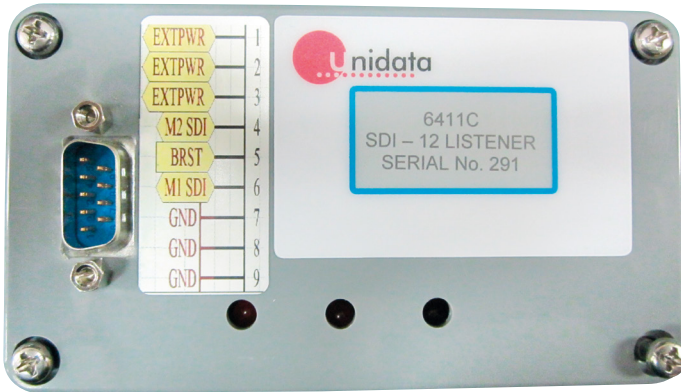


6411

SDI-12 LISTENER



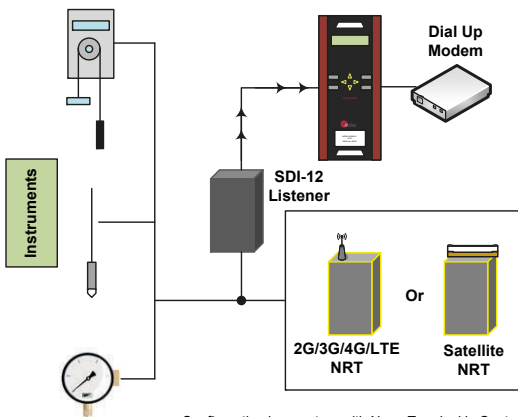
MODEL C



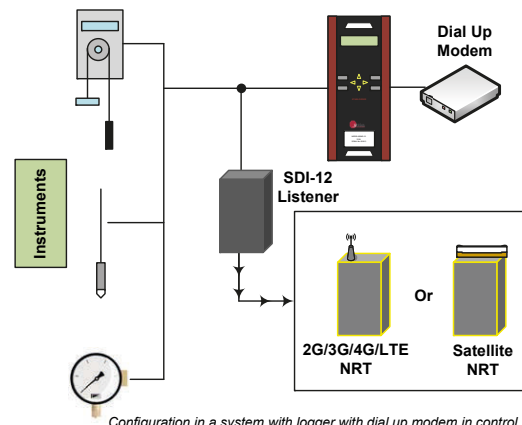
The SDI-12 listener is connected to the SDI-12 bus and listens and records traffic. The SDI-12 listener allows more than one master to extract information from an SDI-12 bus with only one master controlling the bus.

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 the old and new logger on the same SDI-12 bus. In this configuration the newer logger can act as a primary logger, but the existing/old logger can be listening on the SDI-12 bus, and take over the logging operations in the event the primary logger fails.

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.



Configuration in a system with Neon Terminal in Control



Configuration in a system with logger with dial up modem in control

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

SPECIFICATIONS

PHYSICAL SPECIFICATIONS

MATERIAL:	ABS IP65 Sealed Enclosure
SIZE:	115mm x 65mm x 55mm (LxWxH)
WEIGHT:	230grams
OPERATING TEMPERATURE:	0°C to 50°C. Not affected by humidity