S::CAN SpectroLyser UV-Vis Monitor Quick Start Guide
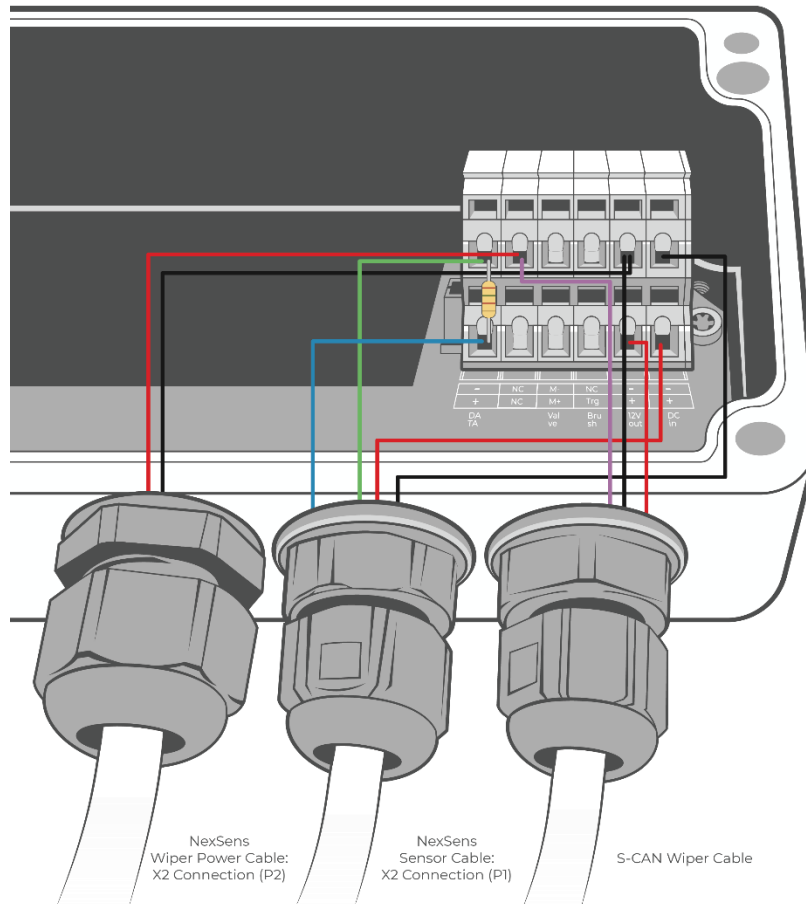

Figure 1: S::CAN wiring schematic into CON::NECT junction box.

Table 1: S::CAN wiring table into CON::NECT junction box.

Cable Connection	Wire Color	Terminal Connection	Signal
NexSens Sensor Cable X2 Connection (P1)	Red	+ DC In	Sensor Power
	Black	- DC In	Sensor GND
	Blue*	+ DATA	485A
	Green*	- DATA	485B
NexSens Wiper Power Cable X2 Connection (P2)	Red	NC (Top)	Wiper Control
	Black	- 12V Out	Wiper GND
S-CAN Wiper Cable	Red	+12V Out	Wiper Power
	Black	- 12V Out	Wiper GND
	Pink	NC (Top)	Wiper Control

*150 ohm resistor jumped between 485 signals.

NEXSENS
technology

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Data Logger Connection

1 Setup your data logger on WQData LIVE by:
   a. Following the Quick Start Guide included with your order.
   b. Visiting the **NexSens Knowledge Base | Data Logger | User Guides** on the NexSens website.

2 Once this is completed:
   a. Plug the sensor into the data logger following the schematic below.
      - **NexSens sensor cable must be plugged into P1 and NexSens wiper cable must be plugged into P2.**
   b. After the next logger reading, confirm that the sensor is uploaded to the WQData LIVE project, and is showing valid readings.
   c. Gather a few readings before deployment.

NexSens Sensor Cable:
X2 Connection (P1)
(Flying lead to UW8P)

NexSens Wiper Power Cable:
X2 Connection (P2)
(Flying lead to UW8P)

S-CAN Sensor Cable
(M12 Connector to Internal Cable)

S-CAN Wiper Cable
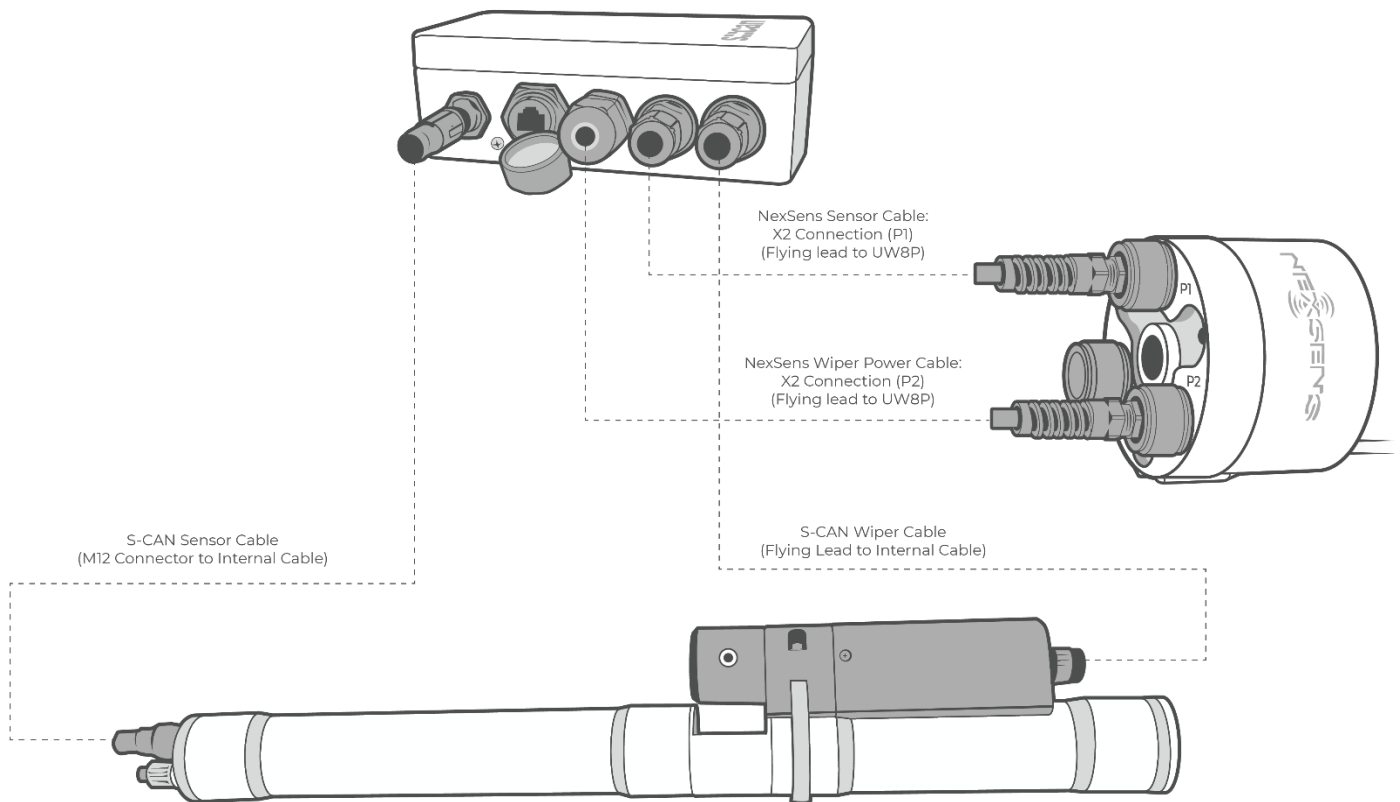(Flying Lead to Internal Cable)

Figure 2: S::CAN sensor (NexSens Sensor Cable) must be plugged into P1 on the X2. S::CAN wiper cable must be plugged into P2 on the X2.