

X2- CONNECT DIRECT DOWNLOAD

QUICK START GUIDE

IMPORTANT - BEFORE FIELD DEPLOYMENT: Completely configure new X2 systems with sensors and a direct connection to the CONNECT software in a nearby work area. Operate the system for several hours and ensure correct sensor readings. Use this test run to become familiar with the features and functions.



Figure 1: X2 Environmental Data Logger.

Overview

The X2 includes three sensor ports that provide industry standard protocols including SDI-12, RS-232, and RS-485. The center port offers direct communication (serial to PC) to the CONNECT software and power input.

CONNECT is a software utility that enables users to interface directly with any NexSens X2-Series data logger using a UW6-USB-485P cable. It supports a growing number of diagnostic and configuration tools to facilitate system setup and troubleshooting.

What's Included?

- (1) X2 data logger
- (1) X2 grounding kit
- (3) Sensor port plugs, spare orings
- (1) Power port plug, spare oring
- (1) Oring grease
- (1) Quick start guide

For additional information, please reference the X2 & CONNECT software resource libraries on the NexSens Knowledge Base.

nexsens.com/x2kb

nexsens.com/connug

- 1 Visit the following link on the NexSens Knowledge Base to download the CONNECT software and establish a connection with the X2.

nexsens.com/connst

- 2 Use the following link to ensure the proper scripts are enabled for each sensor.

nexsens.com/conncss

- 3 Power down the X2 and remove the USB cable connection.

- a. Remove one blank sensor plug from an 8-pin port (i.e., P0, P1, or P2) for each sensor.
- b. Connect all sensors to the desired ports.

Note: Ensure that all SDI-12 and RS-485 sensors have unique addresses.

- 4 Provide 12V power to the X2 and wait up to 5-10 minutes for sensor detection

- a. Reconnect the USB cable to the X2 and open CONNECT.

- 5 Once in CONNECT, visit the following article to confirm the X2 sensor configuration and directly download the first few data points.

nexsens.com/conndu

- a. If the desired sensor configuration is not shown:
 - Confirm the proper sensor scripts are enabled and all SDI-12 or RS-485 sensors have unique addresses.
 - Confirm all user-configured wiring of sensors.
 - Run a new sensor detection in CONNECT.