

GrayWolf QuickStart

DirectSense® XM Datalogging Probe

April 2026



The internal Datalogging feature of DirectSense XM (DSXM) probes was introduced in March 2025.

To utilize this feature, you must have the following:

- A DirectSense XM probe
 - DirectSense XM probes will have a DirectSense XM label.
 - DSII probes upgraded to DSXM functionality will have a label indicating the probe was updated*
- GrayWolf-supplied charging cradle and power adapter.
- Free DirectSense XM Data Download Tool (included as part of WolfSense® PC 2025.15 or higher)

* DirectSense II probes manufactured since Aug 2021 (in most cases) may be upgraded to DSXM functionality. Contact our sales staff at salesteam@graywolvesensing.com for information on upgrading existing probes.

Features of the DirectSense XM Datalogger

- The data logger will record readings at 1, 5 or 15-minute intervals. (The default is 5 minutes.)
 - This is now an automatic feature that is **enabled when BLE is enabled**. You can select the logger interval using the DirectSense XM Data Download Tool.
 - When BLE is enabled, if the probe is powered on, it is recording data.
- The probe will stay awake until the probe battery falls to a critical level. The probe will stay awake indefinitely in the charging cradle with the GrayWolf supplied AC adapter connected.
 - If you do not want the probe to stay awake, disable BLE and Wi-Fi and the probe will auto power off after 5 minutes of no activity.
- The probe will continuously log data until the internal memory is full at which point, the oldest data is deleted in one day increments.
 - You can clear the memory of the probe using the DirectSense XM Data Download Tool and select Clear All under Logger Control tab.
- Unit conversions and Time Zone conversions can be applied once the data has been downloaded.

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www.GrayWolfSensing.com

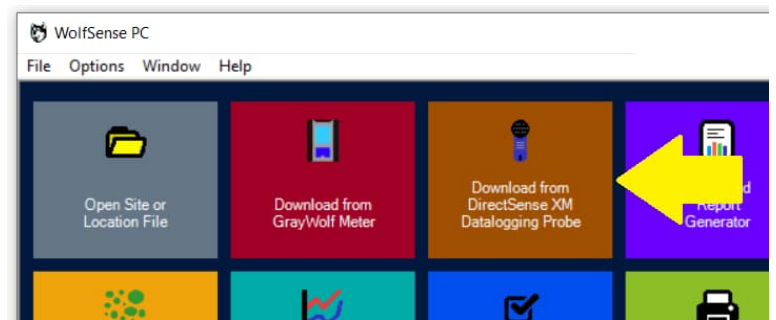
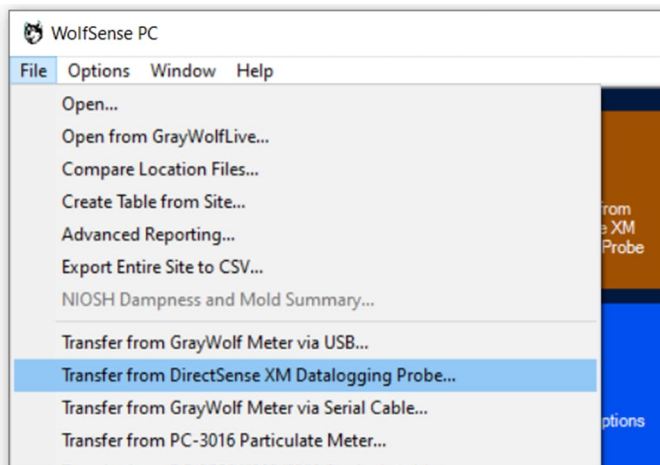
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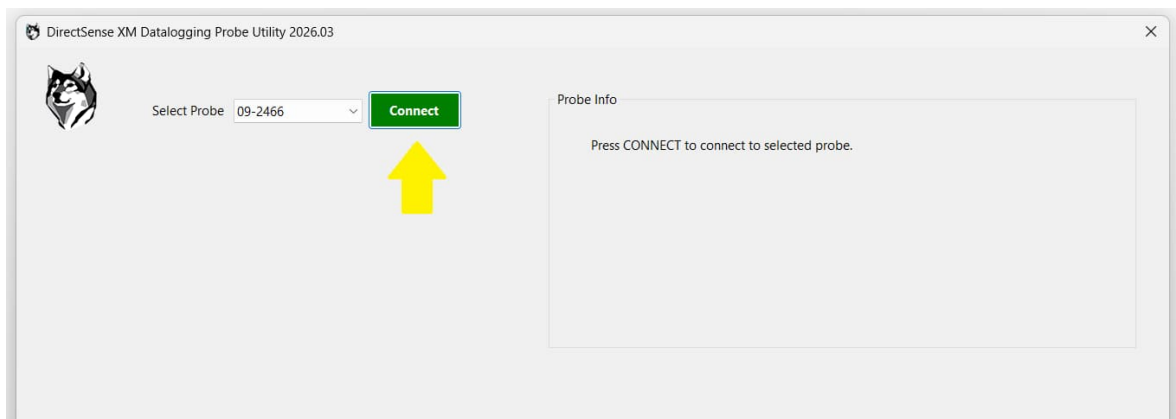
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Using the DirectSense XM Datalogging Probe Utility

1. Open WolfSense® PC (2025.15 or higher). Access the utility through the FILE MENU and Transfer from DirectSense XM Datalogging Probe or click the TILE called Download from DirectSense XM Datalogging Probe.



2. Use the Select Probe drop down menu to choose the probe you would like to connect to wirelessly via BLE. (The utility will display all DSXM probes available.) Once selected, press CONNECT and the probe info box will display the probes' WolfRadio™ firmware information, internal clock, UTC and local time, the selected log interval, the amount of logged data and the percentage of used probe memory. **Note: you can only connect with probes wirelessly via BLE, not through BT Classic or USB Cable.**



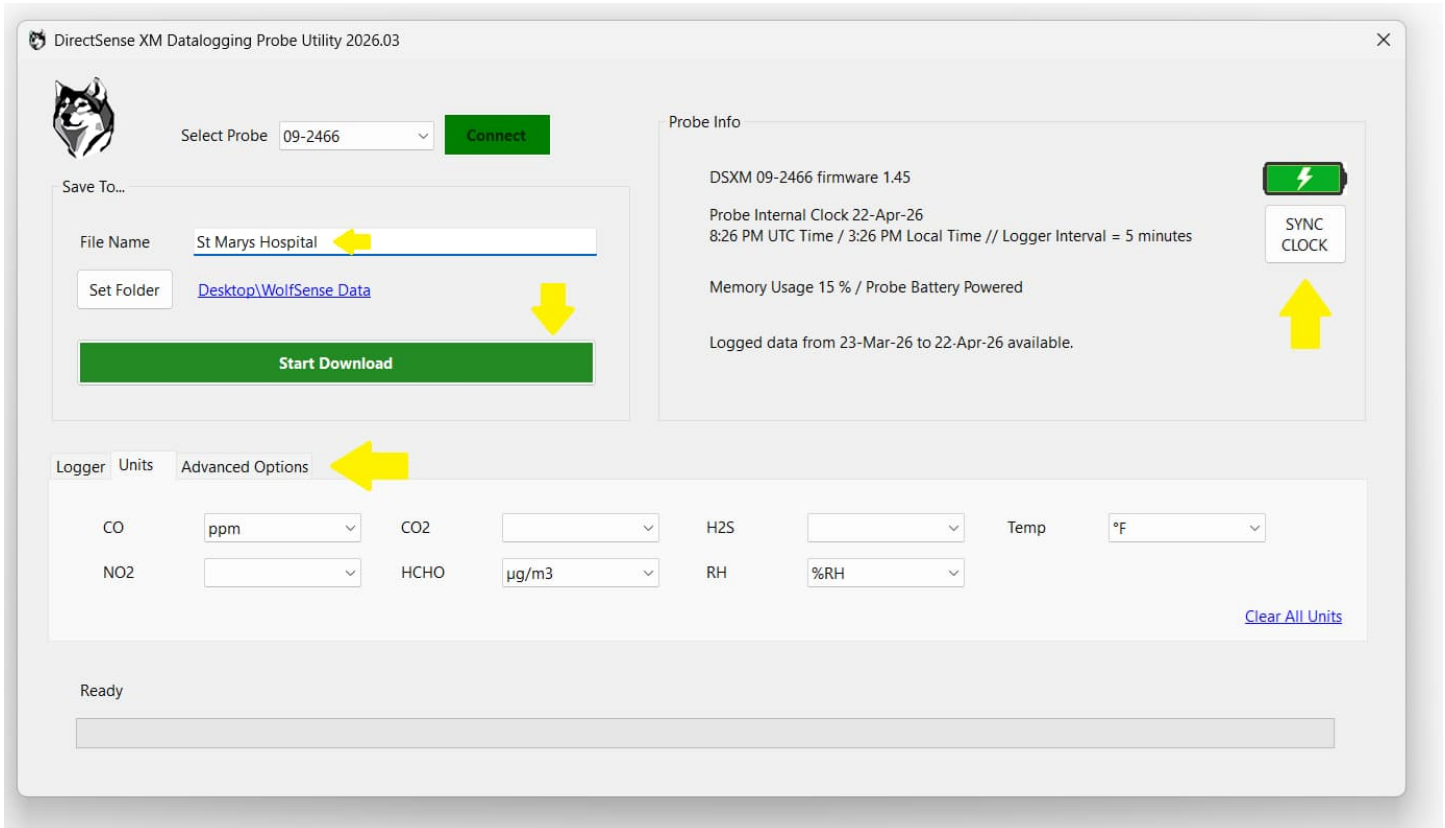
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3. Use the SYNC CLOCK button to set the clock in the DSXM probe to your computer's time. Note: The probe data is stored with Universal Coordinated Time (UTC) and is time-zone independent.
4. Use the Set Folder button to set a destination for your logged data.

Entering a file name is optional; if you do NOT add a filename, the probe's serial number will be used. If you do add a file name, the probe's serial number will be appended to the name.

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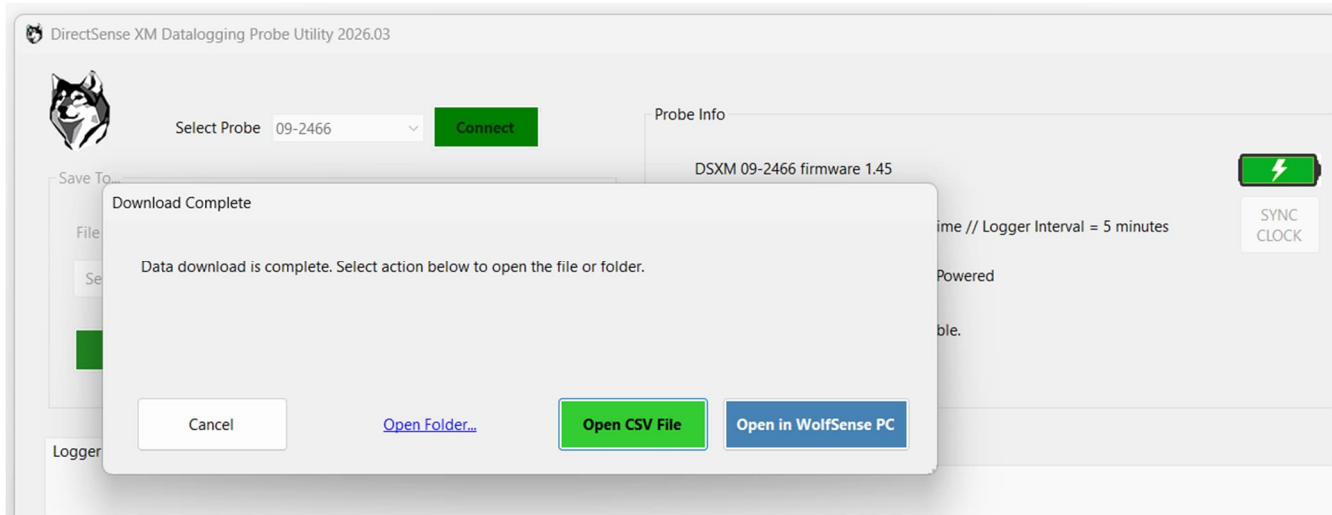
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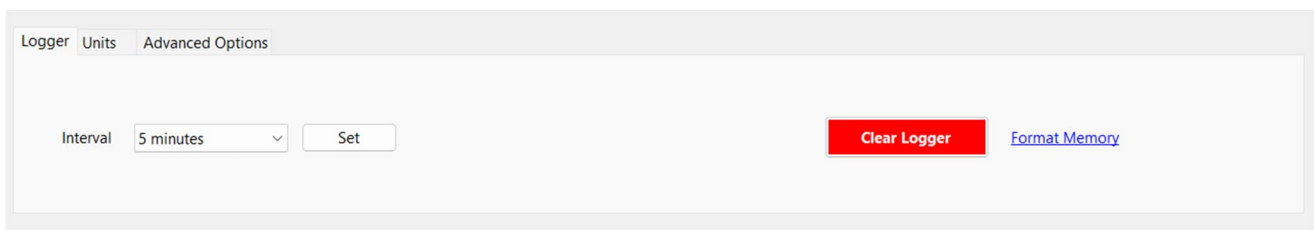
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- Click the Start Download button to transfer the logged data.



After data download is complete, a dialog box will be shown where you can open the CSV, the WolfSense PC file or open the folder to view all the files.

- After a successful download, you can reset the logger memory in the probe by selecting the Clear All button in the Logger Control tab.



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Advanced Options

Readings in the probe are stored in Coordinated Universal Time (UTC). You can convert them to your local time zone *during* downloading, by selecting a time zone in the Advanced Options tab prior to pressing the Download All Data button.

You can also filter the readings by date and time using the Advanced Options tab and check the Filter By Date and Time option. The Download All Data button label will change to reflect the date range to indicate the data is being truncated.

The probe will download data in default units. If unit conversions are desired, select the Unit Conversions tab and make any changes required *prior to* downloading. If you leave a unit conversion blank, the default units are used. The default units are ppm or ppb for gases, and Celsius for temperature.

Troubleshooting

If the DSII probe you are trying to connect to does not appear in the drop down, remove any connected USB cable from the probe and reboot the probe. Exit and restart the DirectSense XM Datalogging Probe utility.

The probe's clock must be set correctly for logging to work. On older model probes, you cannot set the time with this tool and must use one of the following methods:

WolfSense LAP

Probe > Probe Options > DSII (be sure Auto Sync Clock is checked)

or

The free DSXM Configuration Tool <https://graywolfsensing.com/dsii-config-tool/>

Connect > Configure (be sure Auto Sync Clock is checked)

If the data download stops before the full file is downloaded, restart the probe and try again.

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