ProDSS and **Kor**DSS Product Update Notice

September 2016 Release

In September, 2016 YSI released new versions of the ProDSS handheld firmware (1.0.35) and KorDSS desktop software (1.4.0.24) that contain several important updates.

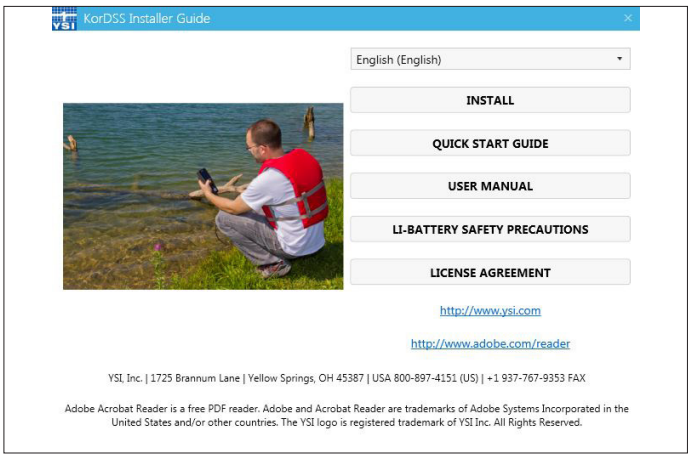
*It is **strongly recommended** to update KorDSS to 1.4.0.24, as it features support for all released probe/cable assemblies.*

KorDSS Update Instructions

- **Uninstall** KorDSS version 1.2.1.19 (or older) from the PC. This is ***required*** in order to update to version 1.4.0.24.
- After uninstalling KorDSS, go to YSI.com/software and download the KorDSS software package.

***IMPORTANT**: Do NOT delete the folder located at C:\ProgramData\YSI\KorDSS, as this will delete all data previously sent to your PC.*

- Once the package has downloaded, double-click on Start.exe . This will open the KorDSS Installer Guide.
- Choose your preferred language, then select *Install*:



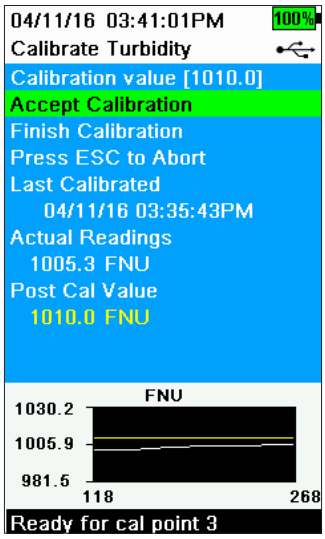
ProDSS Update Instructions

- In order to update the ProDSS firmware to version 1.0.35, please download KorDSS version 1.4.0.24 from YSI.com/software, as this download package includes the updated firmware.
- Download the KorDSS software package and install KorDSS using the instructions above.
- After connecting the ProDSS to a PC, KorDSS can be used to update instrument firmware.
  - If "Automatically update software and firmware" is **disabled** (default), go to the "Instrument & Sensors" tab and choose "Update all Devices' Firmware."
  - If "Automatically update software and firmware" is **enabled**, KorDSS will ask if you would like to update your ProDSS to the latest firmware.

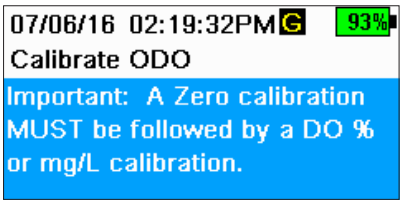
ProDSS Handheld Firmware Updates (version 1.0.35)

Improvements to Calibration

- Improved the consistency across parameter calibrations. Now all calibration routines feature the following:
  - **Calibration value**: The value the sensor will be calibrated to. *The Yellow Line on the graph corresponds to this value.*
  - **Accept Calibration**: Calibrates the sensor to the calibration value.
  - **Finish Calibration**: Only available with multi-point calibrations (i.e. pH, ISE, turbidity. Finishes the calibration by applying previously accepted points.
  - **Press ESC to Abort**: Press the ESC key to leave the calibration. The sensor will not be calibrated to any points. The last successful calibration will be used.
  - **Last Calibrated**: Date and time of the last successful sensor calibration.
  - **Actual Readings**: The current measurement value on the Run screen. *The White Line on the graph corresponds to this value. Observe the White Line to ensure the measurement is stable before choosing **Accept Calibration**.*
  - **Post Cal Value**: This will be the measurement value in the current solution after the calibration is finished.



- Added message indicating that a DO% or mg/L calibration must be completed after a Zero:

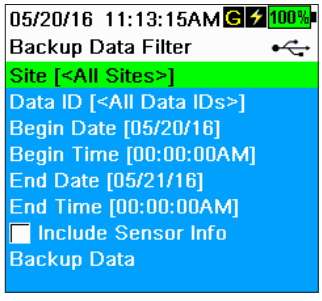


- Automatic temperature compensation added for NIST pH buffer auto-recognition during calibration.
- Barometer reading added to ODO% GLP file.

Improvements to Data Management

- Added a new option when backing up data to USB flash drive:
  - If the box next to "**Include Sensor Info**" is checked, each data set will be sent to a flash drive as *separate files* with sensor serial number and firmware information included.
  - If the box is not checked (**default**), all data sets will be sent in a *single backup file* with no sensor serial number or firmware information included.

    NOTE: *It is suggested to send data to the USB flash drive as a single file (i.e. box is not checked) unless this sensor information is needed. This makes importing the data much faster and easier.*

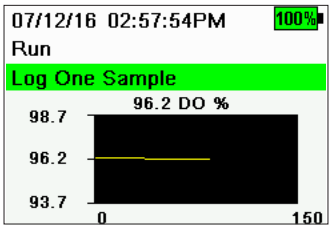


- Microsoft Excel® will now automatically open data files sent to USB flash drive without the need to use the import wizard:
  - All data will automatically be placed in separate columns.
  - The import wizard will still need to be used when Chinese, Japanese, Korean or Thai is the set language.

- Added Unit ID and User ID columns when viewing data on the handheld and on the backup file when exporting to USB.
- Added Site List and Data ID List to the File menu.
- Options to View, Delete, and Backup data now appear *after* the filter criteria.
- Reduced the number of keystrokes needed when selecting a Site and/or Data ID to be used when logging data. Also modified the selection of User ID, Probe ID, and User Fields to reduce keystrokes.
- "Are You Sure?" messaging added when deleting Sites, Data IDs, User IDs, Probe IDs, and User Fields.

Overall Ease-of-Use Improvements

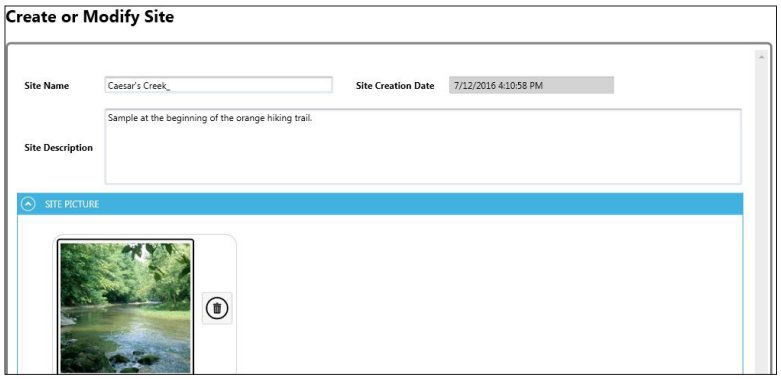
- Sites can now be ordered by **Site Name** or ***Distance to Site***!
- Added current measurement value (e.g. 96.2%; image below) above the live measurement graph:

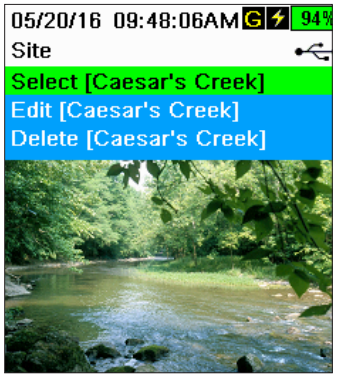


- Minimum graph display range of y-axis is now 5.0 for Depth, Conductivity, Sp. Conductivity, Resistivity, Salinity, Density, ODO%, Turbidity, and TSS.
- Korean and Thai languages added; updated Japanese language files.
- Status messages now appear for 5 seconds.

KorDSS Software Updates (version 1.4.0.24)

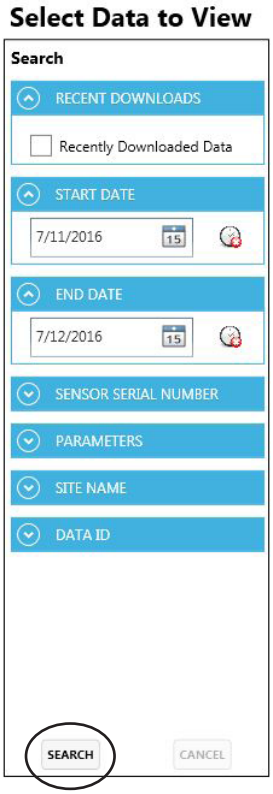
- Added support for the ProDSS ODO/CT probe and cable assembly.
- KorDSS can be used to add a site image to the ProDSS handheld:

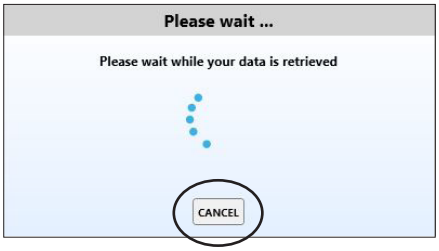




NOTE: *Site images must be no larger than 240 pixels wide by 260 pixels tall and the file must be in BMP format. A paint or picture program on a computer can be used to resize images and convert the image to a BMP file.*

- Added Data ID column to parameter table and in exported data files.
- GPS units can be displayed in ***deg***, ***deg/min*** and ***deg/min/sec***.
- Once filter criteria are set, Choose "Search" to command the program to begin searching for data; Cancel option added when selected data is being loaded:





For additional information or assistance, please contact YSI Technical Support by calling 800-897-4151 (+1 937-767-7241) or by sending an email to info@ysi.com.

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