

# Datalog App

GDS 2000A Series

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## USER MANUAL

GW INSTEK PART NO.



ISO-9001 CERTIFIED MANUFACTURER

**GW INSTEK**

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**Good Will Instrument Co., Ltd.**  
**No. 7-1, Jhongsing Rd., Tucheng Dist., New Taipei City 236, Taiwan.**

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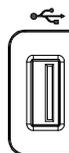
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# INSTALL THE SOFTWARE

Step

1. Make sure firmware version is V1.17 or higher.

2. Insert the USB memory stick with the DataLog.gz into the USB port on the front panel.



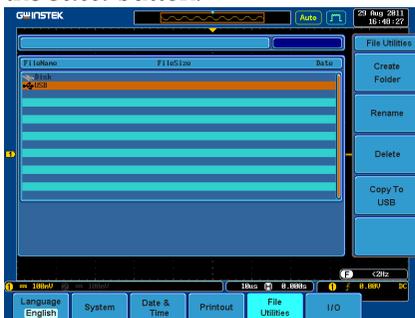
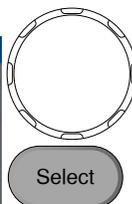
3. Press the *Utility* key.



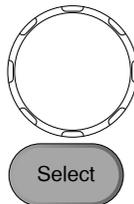
4. Select *File Utilities* from the bottom menu.



5. Use the *Variable* knob to select the USB memory stick and then press the *Select* button.



- Use the *Variable* knob to select DataLog.gz and then press the *Select* button to select it.



- Press the *Select* button again to start installation.



- The installation is complete when a message showing “Please turn off the oscilloscope and turn on again” is displayed.

# UNINSTALL THE SOFTWARE

Step

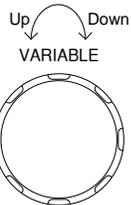
1. Press the *Test* key on the front panel



2. Press the *APP.* button from the bottom menu.



3. Use the *Variable* knob to select the Datalog APP.



4. Press the *Uninstall* button from the side menu.



5. Press the *Uninstall* button from side menu again to start the uninstallation process.



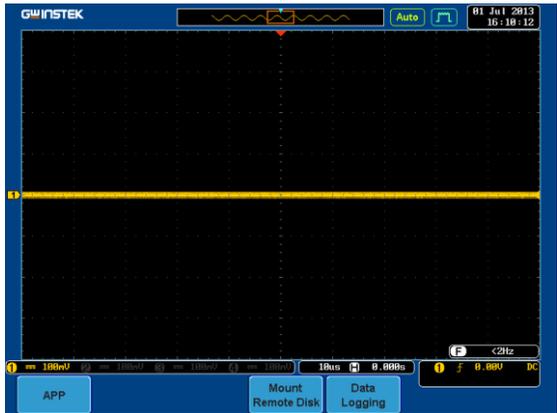
6. Uninstallation process is complete when a message showing “Please turn off the oscilloscope and turn on again” appears.

# HOW TO USE THE SOFTWARE

## Setup Data Logging

Step

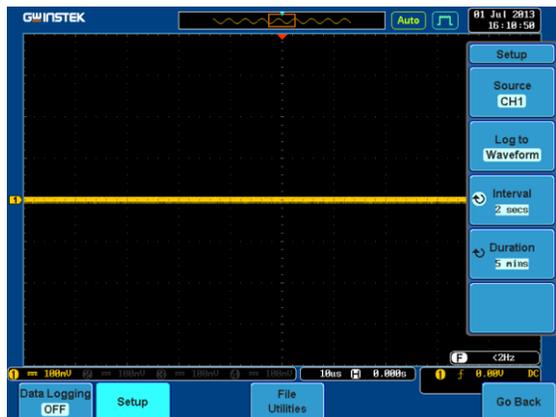
1. Press the *Test* key on the front panel.



2. Press the *Data Logging* button from the lower menu.



3. Press the *Setup* button from the lower menu.



4. Press the *Source* button from the side menu to select which channel to record.
5. Press the *Log to* button from the side menu to select where to log to (waveform or image).



6. Press the *Interval* button from the side menu. Use the *Variable* knob to select the time interval. The minimum time interval is 2 seconds if “Log to Waveform” is selected, and 5 seconds if “Log to Image” is selected)



7. Press the *Duration* button from the side menu. Use the *Variable* knob to select the logging duration. Duration is ranged from 5 minutes to 100 hours.



## Start the Data Logging

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### Step

1. Select the location to save recorded data. If the DS2-LAN (Ethernet & SVGA output interface) is installed, the recorded data can be shared on the network.

### Note

- For more details about DS2-LAN, please refer to the DS2-LAN user manual. It can be downloaded from GW Instek website.
- For more details about sharing the recorded data on the network, please refer to the section “APPENDIX”.



2. Press the *Data Logging* button from the lower menu to start data logging. When *Data Logging* is ON, the scope will keep recording according to the present trigger conditions and the data logging application settings. To stop recording, press *Data Logging* to toggle data logging to OFF when recording is in process.
3. The recorded data will be saved in a newly created folder named LOGXXX as shown in the image below.



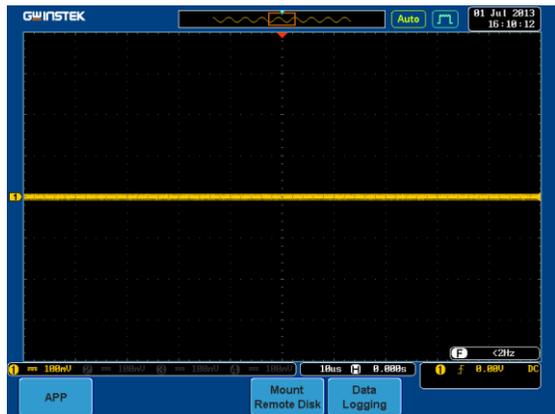


# APPENDIX

## Sharing Recorded Data on the Network

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- Step
1. Install the DS2-LAN module.
  2. Press the *Test* key on the front panel.



3. Press the *Mount Remote Disk* button from the lower menu.

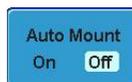


4. Input the *IP Address* and relevant information.



Note

- To automatically connect to the network hard disk after booting the GDS-2000A. You need to toggle the *Auto Mount* button to *ON* from the side menu.



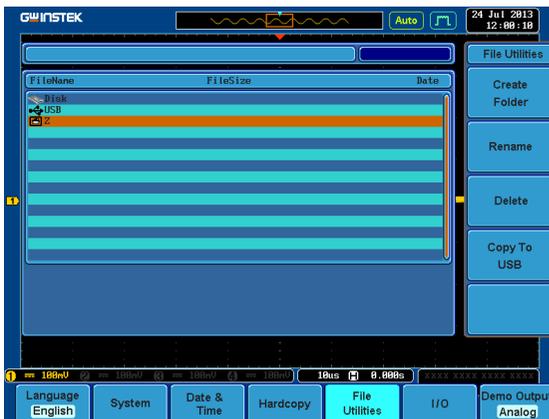
- 5. Press the *Mount* button from the side menu.



- A popup message, "Complete", will appear to indicate that the setting is complete.



- Press the *Utility* key on the front panel. A "Z" icon will appear on the screen to indicate a network hard disk.



- Press the *File Utility* button and select the Z drive as the location to save recorded data. The recorded data will then be saved to the network hard disk during the logging process.

