November 20, 2019

GL7000 DATA PLATFORM

Version 2.13　　　　　　　　　　*Release date: November 19, 2019*

- Fixed problem
    1. When it accesses to the FTP server of GL7000, a part of client could not log in.
    2. When the software is receiving the real time data, and data was lost, it complement the data, but when particular communication error was occurred, the number of complement point was not correct.
    3. The unit of SCALE command was not EU unit for the temperature EUOFF.
    4. The extra backslash was added to the unit of temperature for the I/F command.
    5. When the remaining disk capacity of FTP server does not have, the problem of back up fail for the FTP serve corrected.
    6. The completed message of firmware update was corrected.

Version 2.12　　　　　　　　　　　*Release date: July 16, 2019*

- Fixed problem
    1. When the cursor movement menu was opened while replaying the XY or FFT menu, the system was downed.
    2. The rated output was displayed in the strain sensor setting of DCB module as the rated capacity.

- Modification
    1. When the low pass filter is off, it works as 10KHz, while RMS input to the CHA module.

Version 2.11　　　　　　　　　　　*Release date: June 11, 2019*

- Modification
    1. When sensitivity of sensor changed for the CHA module, if there is same range, the setting is used continuously, if there is not same range, the lower sensitivity of nearest range is used for the setting.
    2. When all channel of sensitivity of sensor changed for the CHA module, the channel number displays to change the range.

- Fixed problem
    1. The title of menu was gauge resistance for the strain bridge resistance for the DCB module.
    2. When the setup is performing to GL7000, the monitor was disappeared.

Version 2.10   **Release date: March 6, 2019**

- Modification
    1. The backup function was added for the recording of CSV format.
- Fixed problem
    1. The sampling time of GDB file was the current sampling time when the data was saved by dual sampling of auto recording of event RAM.
    2. When dual sampling of auto recording of event RAM saved the data, the sampling time of GDB file was the current sampling time.
    3. When dual sampling of event RAM saved the data, the time of year did not save.
    4. When the data was record onto the SSD with the 2 ms sampling, only the half of recording time was replayed.

Version 2.02   **Release date: January 23, 2019**

- Fixed problem
    1. The monitor did not display correct value at X-Y display mode when it was recorded with the Bridge module (GL7-DCB).
    2. The incorrect data was displayed when all of 4GB data was replayed with Time/DIV, after all data was loaded.

Version 2.01   **Release date: December 5, 2018**

- Modification
    1. The unit of kN was added for DCB module of strain (distortion) sensor menu.

- Fixed problem
    1. When the unit of strain (distortion) rating for DCB module was set to µST, the digital displaying value was incorrect.

Version 2.00   **Release date: October 31, 2018**

- Modification
    1. The dual sampling function was added.

2. The relay function of capacity and the recoding time settings function were added.
3. The remote lock release function was added.
4. Operation of menu was improved.
5. The file transfer speed was improved.

Version 1.60   *Release date: August 29, 2018*

● Modification
   1. Corresponded to the GRM-ONE.
   2. Corresponded to the new touch panel controller.

● Fixed problem
   1. When the range was changed for the Electric charge type of CHA AMP, Electric charge type of RMS, Internal AMP type, and Electric charge type of Internal AMP the measuring value of scaling setting was changed.

Version 1.56   *Release date: March 28, 2018*

● Fixed problem
   1. The data transfer for FTP was stabilized when it is recording to the SSD module.
   2. The delay of recoding start time was improved when the recoding was repeated with the span of repeating.
   3. Sometimes the data transfer stopped when the data was sent with 1 character per 1 packet at the USB transfer.

Version 1.55   *Release date: February 8, 2018*

● Fixed problem
   1. Sometimes the touch panel was responded even if it was not touched.

Version 1.54   *Release date: August 23, 2017*

● Fixed problem
   1. Sometimes, the GL7000 started up with NG of Hardware Configuration.

Version 1.53   *Release date: August 2, 2017*

● Fixed problem
   1. Displaying of unit setting for DCB module was not initializing when the channel

was changed with the previous channel button and the next channel button.

Version 1.52   *Release date: May 26, 2017*

- Fixed problem
    1. The pulse trigger was performed at outside of range.
    2. The application software was locked, when the header of ":MEAS:OUTP:DTATA?" becomes more than 9999999 bytes.

- Modification
    1. The input method of units was improved.

Version 1.51   *Release date: May 10, 2017*

- Fixed problem
    1. The data over wrote if file size exceed 2 G bytes when the Ring/Relay capturing mode.

Version 1.50   *Release date: December 14, 2016*

- Fixed problem
    1. The LAN communication stopped when the GL7000 was connected to the narrow line of LAN environment when the receiving buffer becomes empty.
    2. Sometimes the Disk Error occurred when the relay recording was set.

Version 1.49   *Release date: July 20, 2016*

- Fixed problem
    1. Sometimes the GL7000 became randomly alarm condition when the power of GL7000 was turned on with the alarm setting.

Version 1.48   *Release date: September 2, 2015*

- Fixed problem
    1. The data recorded only last 10 sec to the internal memory or the SD card or the SSD when the sampling speed was within 100 ms.

Version 1.47   *Release date: August 5, 2015*

- Fixed problem
    1. The "¥" character could not input when the backup folder is setting.
    2. The span setting becomes incorrect when the scaling setting was On at the

CHA amp module.

3. The exchange time for the SD card did not have 10 minutes when the sampling speed was slow.

4. The 10 times bigger values was displayed for replay at the DCB amp module when the highest digit is become about 5 to 9 for calculation of the rated distortion output and the proofreaders.

- Modification

1. It became to the infinite loop when the recognition of AMP FPGA was failed after the power was turned on.

   The 10 sec timeout of recognition of AMP FPGA was added.

   And the message displays for the timeout when the   recognition of AMP FPGA was failed.

Version 1.46   *Release date: December 10, 2014*

- Fixed problem

1. The I/F command of sampling could not be set to record for the RAM.

Version 1.45   *Release date: November 19, 2014*

- Modification

1. The file relay function was added. (The new file is created when the recoding file size becomes bigger than the 2GB.)

   Note: The GL-connection has to update to version 1.62 to use this function.

- Fixed problem

1. The GL7000 reset when the span was selected for the logic channel when only the LP module was connected. The span setting did not need to display when analog channel was not connected to the GL7000.

Version 1.44   *Release date: August 20, 2014*

- Fixed problem

1. The FTP function of WEB server mode did not work with the Internet Explorer 11 because the Java script of Internet Explorer 11 was changed from previous version. It was worked when the compatible mode is used with Internet Explorer 11.

2. The touch panel did not response at the remote operation menu of WEB server mode when French language was selected.

Version 1.43   *Release date: July 9, 2014*

- Fixed problem
    1. The GL7000 only saved last 20000 pints of data when the GL7000 is sampling more than 20000 points with the external sampling speed.

Version 1.42   *Release date: June 12, 2014*

- Fixed problem
    1. The backup failed when the USB memory was replaced during recording date to the USB memory.
    2. The fixed IP address was displayed in the menu when the IP address is set from the DHCP server.
    3. The scaling became to the default setting when the scaling and the integral calculus are set for the CHA module.
    4. The time stamp of CSV and GDB data was incorrect when it is saving slower than 1 min sampling speed when the USB memory was replaced.

Version 1.41   *Release date: October 16, 2013*

- Modification
    1. The factory default setting of bridge voltage was changed from 1 V to 2 V.
    2. The factory default setting of LPF of DCB Amp was changed from "OFF" to "1 kH".
    3. The GL7000 automatically display waveform when it is recording to the internal RAM.

- Fixed problem
    1. All waveform was displayed with "TRACE on" when is displayed from the internal RAM, even if it is record by "TEACE off".
    2. The span of waveform was displayed incorrectly after the voltage of bridge AMP was changed.
    3. The display language of German was corrected.

Version 1.40   *Release date: July 17, 2013*

- Modification
    1. Corresponded to the DCO AMP module.
       This version has to install when the DCO AMP module is used.

Version 1.30   *Release date: June 5, 2013*

- Modification
    1. Corresponded to the CHA AMP module.

       This version has to install when the CHA AMP module is used.

Version 1.20   *Release date: April 17, 2013*

- Modification
    1. Corresponded to the DCB AMP module.

       This version has to install when the DCB AMP module is used.

Version 1.11   *Release date: February 6, 2013*

- Fixed problem
    1. Some unit could not read the data correctly of SDRAM when initializing the
       FPGA.

Version 1.10   *Release date: January 17, 2013*

- Modification
    1. Corresponded to the HV AMP module.

       This version has to install when the HV AMP module is used.
    2. The AMP module detecting process was improved.

Version 1.01   *Release date: August 29, 2012*

- Fixed problem
    1. The system was downed when the ":SCAL:CH:SET" command was received.
    2. The error occurred when the unit coefficient of K or MA is specified to value by
       the ":PUL:CH:SPAN" command.
    3. The ":DATE:ASAV" command was not working correctly.
    4. The ":BACK:DEST" command was not processed correctly when the saving
       destination was specified to the SD card, (":BACK:DEST SDC").

- Modification
    1. The ":DISPlay" command group was added.

Version 1.00   *Release date: July 14, 2012*

- Initial version