HIOKI MR6000 Memory HiCorder Installation Guide

Contents

HIOKI MR6000 Memory HiCorder

Product Information

The MR6000 Viewer is a PC application designed for viewing and analyzing measurement data recorded by the MR6000 Memory HiCorder on a PC. It supports the MR6000 and MR6000-01 instruments. The product name is Memory HiCorder. The MR6000 Viewer offers various functions including displaying measured waveforms, searching waveforms, performing numerical calculations, waveform calculations, FFT calculations, and converting measurement data to CSV format.

Specifications

- Supported Instruments: MR6000, MR6000-01
- Functions:
  - Display measured waveforms
  - Search waveforms
  - Numerical calculation, waveform calculation, FFT calculation
  - Convert measurement data to CSV format

System Requirements

- Operating System:
  - Japanese/English/Chinese Operating Systems (displayable in each language)
- Memory: Minimum 16GB
- Disk Space: Minimum 50GB
- Display: Installation account – Administrator, Execution account – Administrator
- Note: MR6000 Viewer does not support the 32-bit version of Windows 10.
- Certain PC environments may not support the full operation of the MR6000
- Viewer despite meeting the minimum requirements above.

Product Usage Instructions

How to Check Your System's Version

1. Press [Windows] and [R] on your keyboard to display the Run dialog box.
2. Enter `WINVER` in the [Open:] field.
3. Click OK.
4. The OS version number will be displayed.

Installation Procedures

1. Perform the following steps using an administrator account:
2. Extract the MR6000 Viewer file and copy it to USB memory.
3. Insert the USB drive into your PC.
4. Double-click on `MR6000ViewerSetup.exe` that you saved on your USB drive to install the file.
5. Another warning message may appear. Click Yesto to agree to add changes to the device. (This message may not appear depending on previously made settings.)
6. Select your language and click [OK].
7. Verify that the two check boxes are activated as shown below, and click Next.
8. Click Install.
9. When the following dialog window is displayed, click Finish.
10. Installation is completed.

Revision History

- V4.05 (August 2023)
  - Bug Resolution: Wrong data is read when reading waveform files continuously after the third time.
- V4.04 (July 2023)
  - Improvement: Increased memory capacity for measurement data to 16GB.
- V4.03 (March 2023)
  - Improvement: Enabled to load waveform files of MR8847A, MR8827, MR8740, and MR8741 are measured and saved with a pre-trigger set in DIV units.
- V4.02 (August 2022)
- Improvement: Waveform files saved by MR8740T can now be read (only UNIT1 to UNIT8 waveforms).
  - Bug Resolution:
    1. Fixed a bug that caused the installation of Viewer to fail.
    2. When reading a waveform file of the MR8847 series, if one channel is saved in one unit and the other channel is not saved, the unsaved channel will also display a random waveform.
    3. Other minor bugs were resolved.
- V4.01 (May 2022)
  - Supports version upgrade of MR6000 firmware.
- V4.00 (April 2022)
  - Added Functions:
    1. Power Calculation
    2. Waveform Calculation (Resolver, Encoder)
    3. The number of screens to be divided (Triangle, Hexagon, Nonagon)

- Improvements:
    1. The maximum number of calculation points for waveform calculation has been increased to 5,000,000 points.
    2. Waveform file format in ASAM MDF 4.0 format.
    3. Enabled to select the display channel of the trace cursor value.
    4. Waveform files saved by MR8847, MR8827, MR8740, and MR8741 can now be read.
- Bug Resolution: Resolved bugs

Specifications

The MR6000 Viewer is a PC application for viewing and analyzing measurement data recorded by the MR6000 Memory HiCorder on a PC.

MR6000 Viewer Functions

- Display measured waveforms
- Search waveforms
- Numerical calculation, waveform calculation, FFT calculation
- Convert measurement data to CSV format

System Requirements
To use MR6000 Viewer, the following minimum computer system configuration is required.

MR6000 Viewer does not support the 32-bit version of Windows 10 Certain PC environments may not support the full operation of the MR6000 Viewer despite meeting the minimum requirements above.

How to Install

Perform the following steps using an administrator account.

1. Extract the MR6000 Viewer file and copy it to USB memory.
2. Insert the USB drive into your PC.
3. Double-click on MR6000ViewerSetup.exe that you saved on your USB drive to install the file.
4. Another warning message will appear. Click “Yes” to agree to add changes to the device. (This message may not appear depending on previously made settings.)
5. Select your language and click [OK].
6. Verify that the two check boxes are activated as shown below, and click “Next”.
7. Click “Install”.
8. When the following dialog window is displayed, click “Finish”.
9. Installation is completed

Revision History
V4.05 (August 2023)

Resolved bugs
Wrong data is read when reading waveform files continuously after the third time. V4.04 (July 2023)

Improvement
Increased memory capacity for measurement data to 16GB. V4.03 (March 2023)

Improvement
Enabled to load waveform files of MR8847A, MR8827, MR8740, MR8741 that are measured and saved with pre-trigger set in DIV unitsV4.02 (August 2022)

Improvement
Waveform files saved by MR8740T can now be read (only UNIT1 to UNIT8 waveforms).

Resolved bugs

1. Fixed a bug that caused the installation of Viewer to fail.
2. When reading a waveform file of the MR8847 series, if one channel is saved in one unit and the other
3. channel is not saved, the unsaved channel will also display a random waveform.
4. Other minor bugs were resolved.V4.01 (May 2022)
5. Supports version upgrade of MR6000 firmware. V4.00 (April 2022)

Added function

1. Power Calculation.
2. Waveform Calculation (Resolver, Encoder).
3. The number of screens to be divided (Triangle, Hexagon, Nonagon).

Improvement

1. The maximum number of calculation points for waveform calculation has been increased to 5,000,000 points.
2. Waveform file format in ASAM MDF 4.0 format.
3. Enabled to select the display channel of the trace cursor value.
4. Waveform files saved by MR8847, MR8827, MR8740, and MR8741 can now be read.

Resolved bugs
Fixed a bug that caused a freeze when channel settings were made after loading a file in which an arbitrary waveform unit was used.

V3.51 (July 2021)

- Supports version upgrade of MR6000 firmware.
- Fixed a bug that the time value becomes the value of slow measurement sampling when reading a file saved in real-time with the fastest measurement sampling on SSD.
- Changed to read unit information and channel settings when reading the setting file.
- Changed so that the specified waveform is displayed when started from the command with the waveform file name as an argument.

V3.50 (May 2021)

- Supports version upgrade of MR6000 firmware.
- Supported OS versions have been changed.

V3.11 (October 2020)

- Supports version upgrade of MR6000 firmware.
- Fixed a bug that “Loading System” is displayed at startup and cannot proceed.

V3.00 (April 2020)

- Supports version upgrade of MR6000 firmware.
- Changed to not use PowerShell at startup.

V2.11 (June 2019)

- Supports version upgrade of MR6000 firmware.

V2.10 (February 2019)

- Release

Documents / Resources

	HIOKI MR6000 Memory HiCorder [pdf] Installation Guide MR6000, MR6000-01, MR6000 Memory HiCorder, Memory HiCorder, HiCorder