



MR6000 MEMORY HiCORDER
Sample Program
Instruction

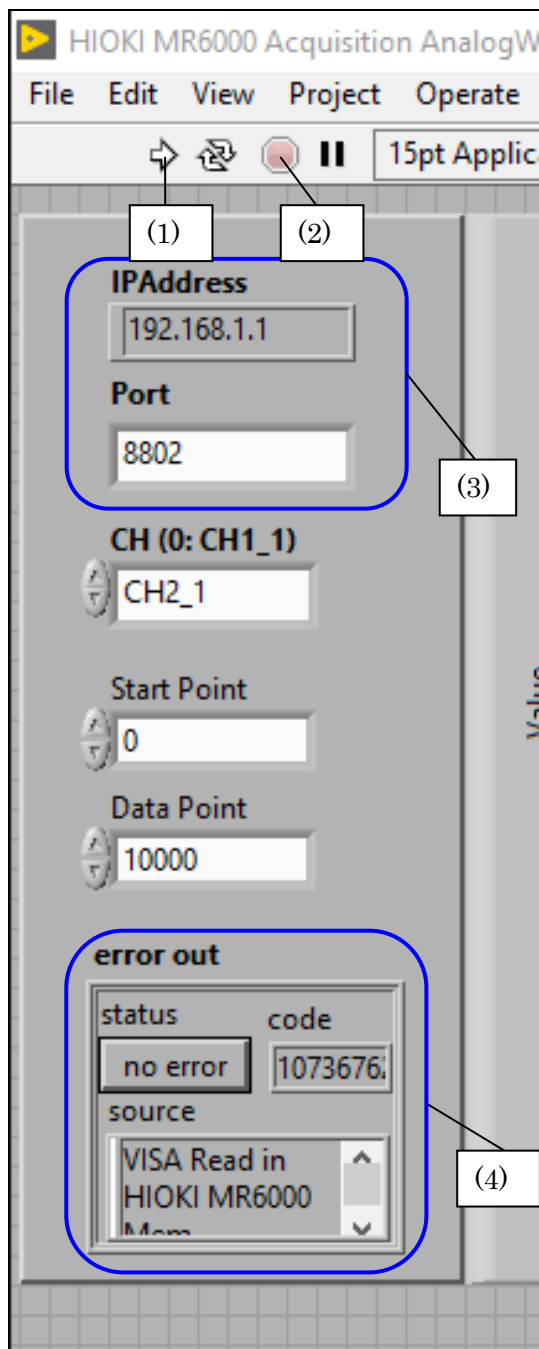
Revision History

Edition	Contents	Reviser	Date
1.00	First Edition	HIOKI	2018/02/14

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1. Common Input & Output

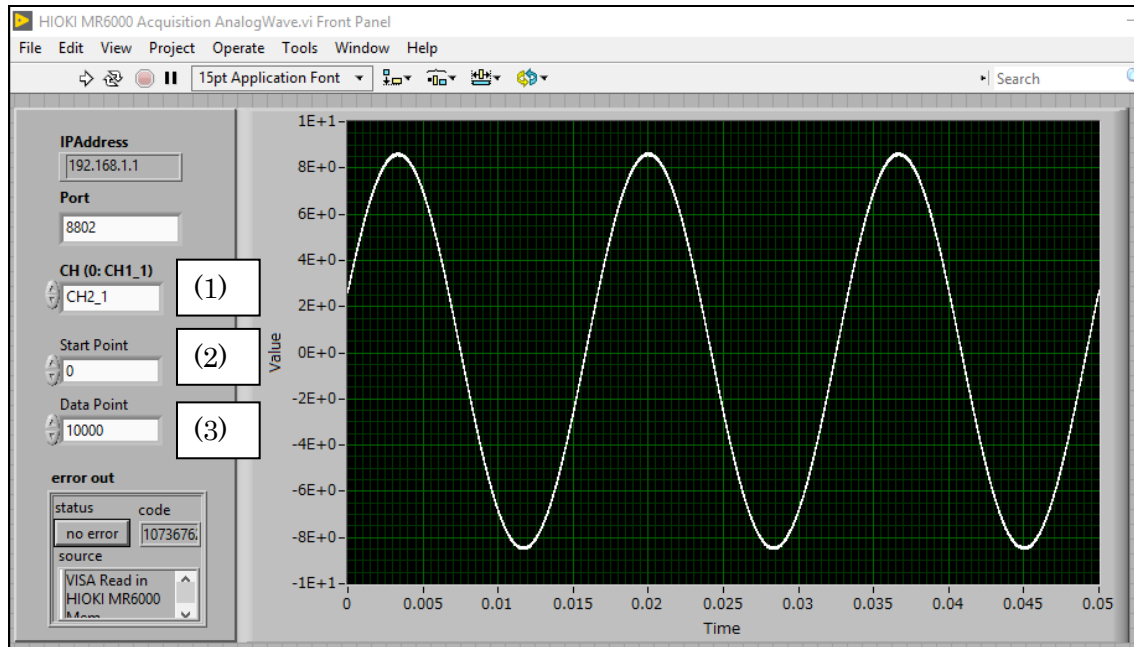


- (1) VI start button
- (2) VI forced termination button
- (3) Window that specifies the IP address and port.
- (4) Error message display

2. HIOKI MR6000 Acquisition AnalogWave.vi

2.1 Front Panel

Reads the analog wave data and displays on the graph.



(1) CH

Specifies the channel to read the analog wave data. When the logic unit is specified, it is not work properly.

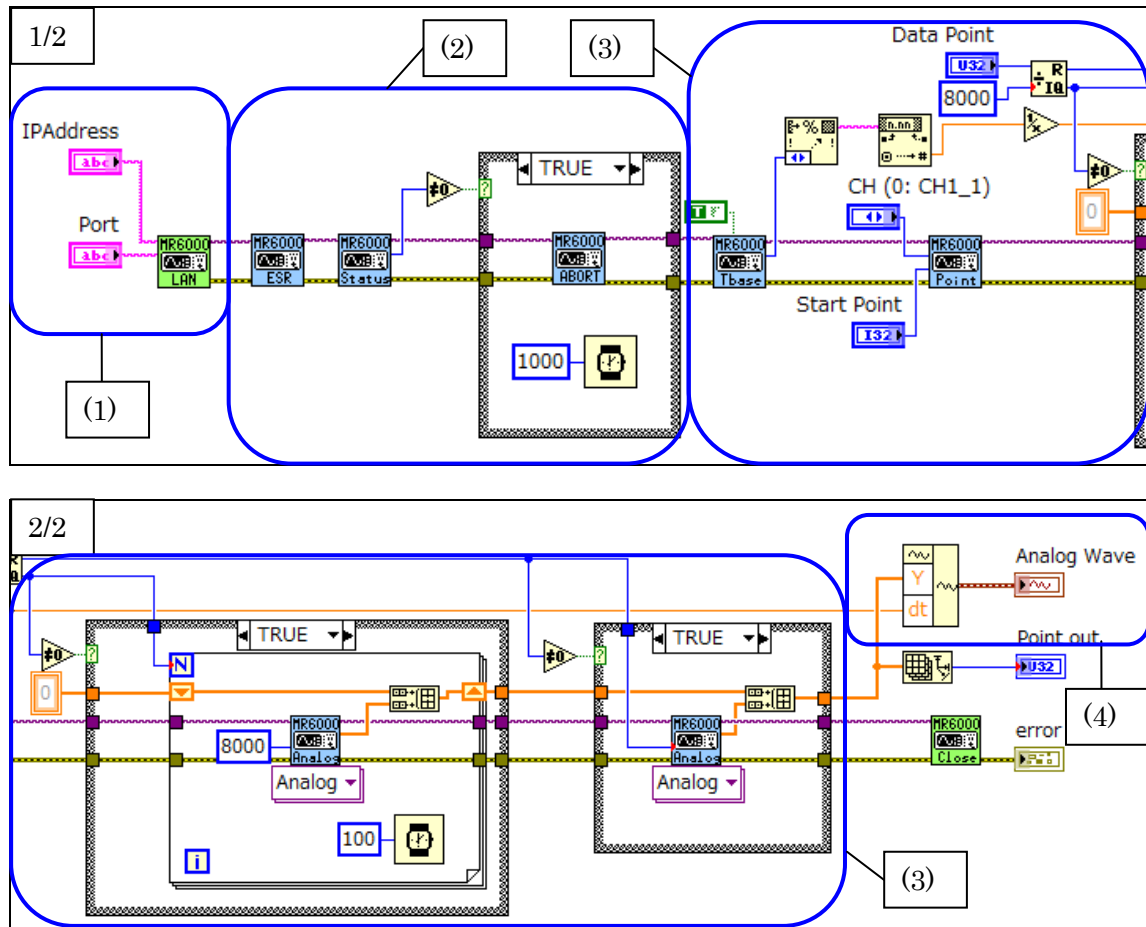
(2) Start Point

Sets the point to read the analog wave data. Don't set the value exceeding the number of storage data.

(3) Data Point

Sets the number of reading data. Don't set the value exceeding the number of (storage data - Start Point).

2.2 Block Diagram

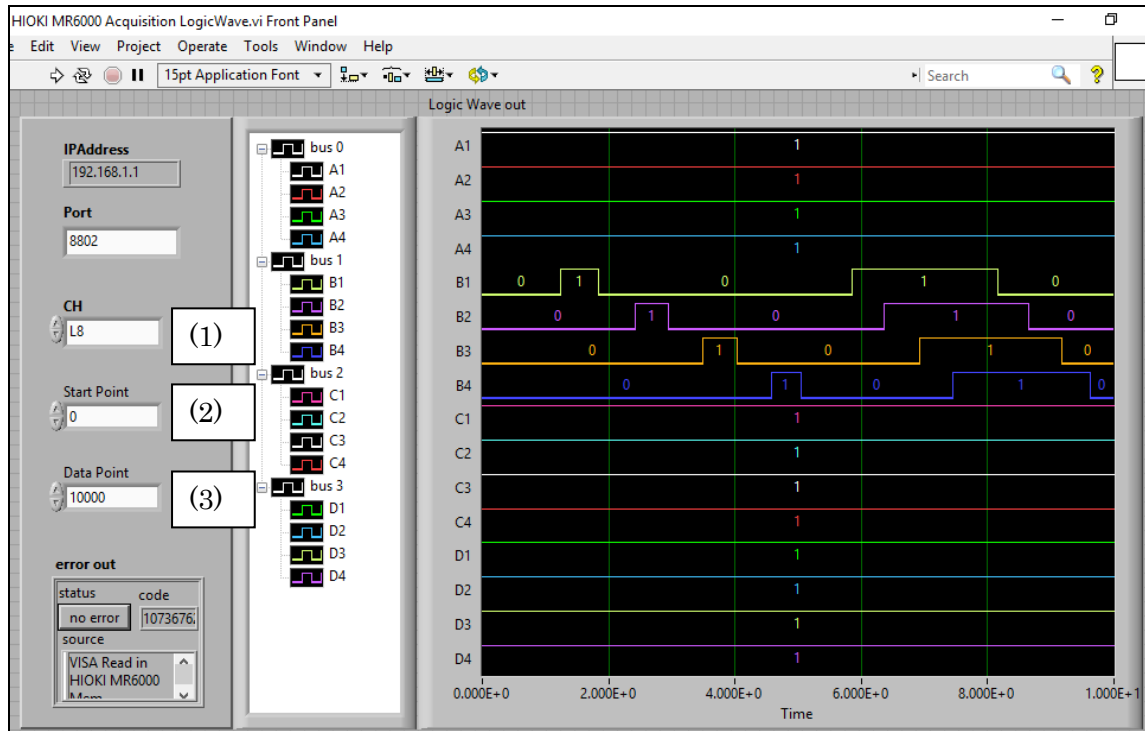


- (1) Connects to MR6000.
- (2) When recording is in progress, this VI can not acquire waveform data and stop recording.
- (3) The following steps are executed.
 - Acquires time base setting and calculate temporal resolution.
 - > Sets the channel and start point that read the waveform data.
 - > Reads the waveform data every 8000 points.
- (4) Displays the waveform data on the graph.

3. HIOKI MR6000 Acquisition LogicWave.vi

3.1 Front Panel

Reads the logic wave data and displays on the graph.



(1) CH

Specifies the channel to read the logic wave data. When the analog unit is specified, it is not work properly.

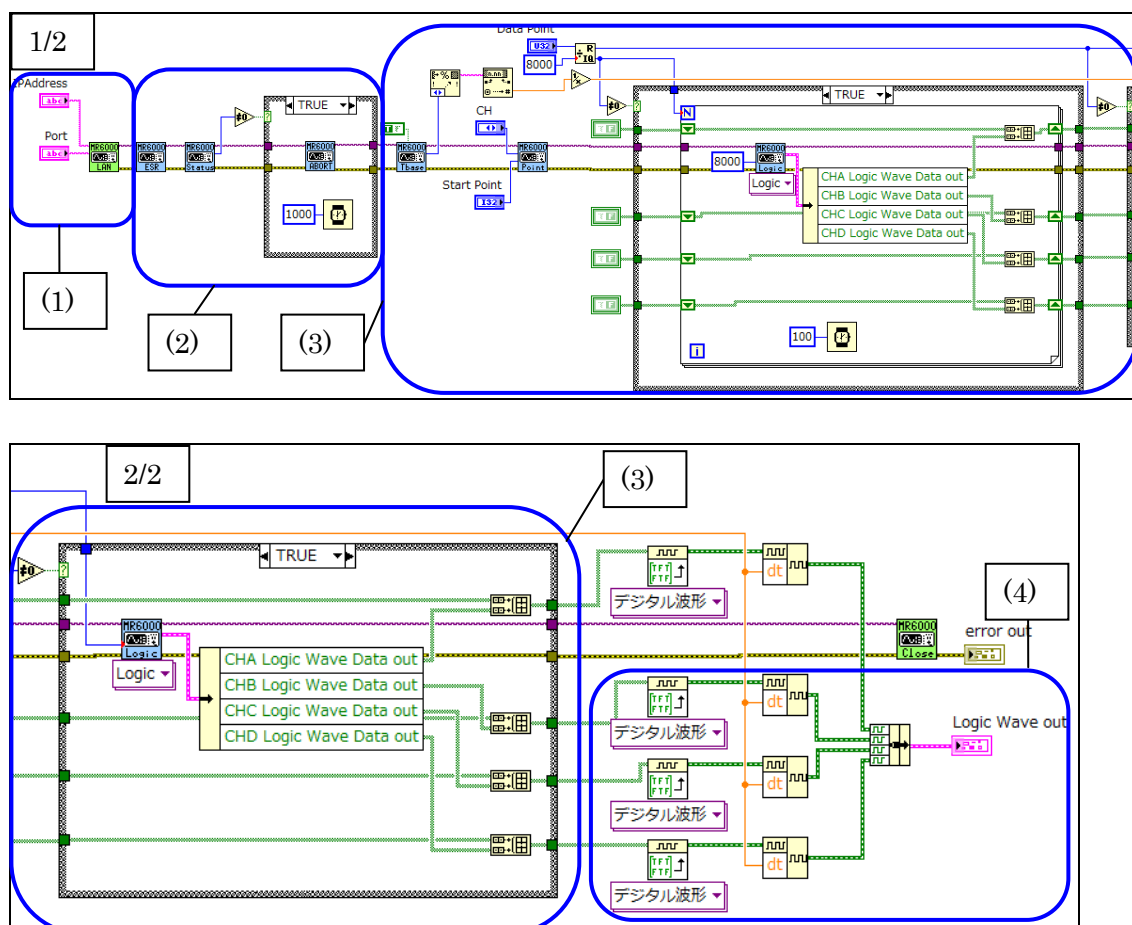
(2) Start Point

Sets the point to read the logic wave data. Don't set the value exceeding the number of storage data.

(3) Data Point

Sets the number of reading data. Don't set the value exceeding the number of (storage data - Start Point).

3.2 Block Diagram

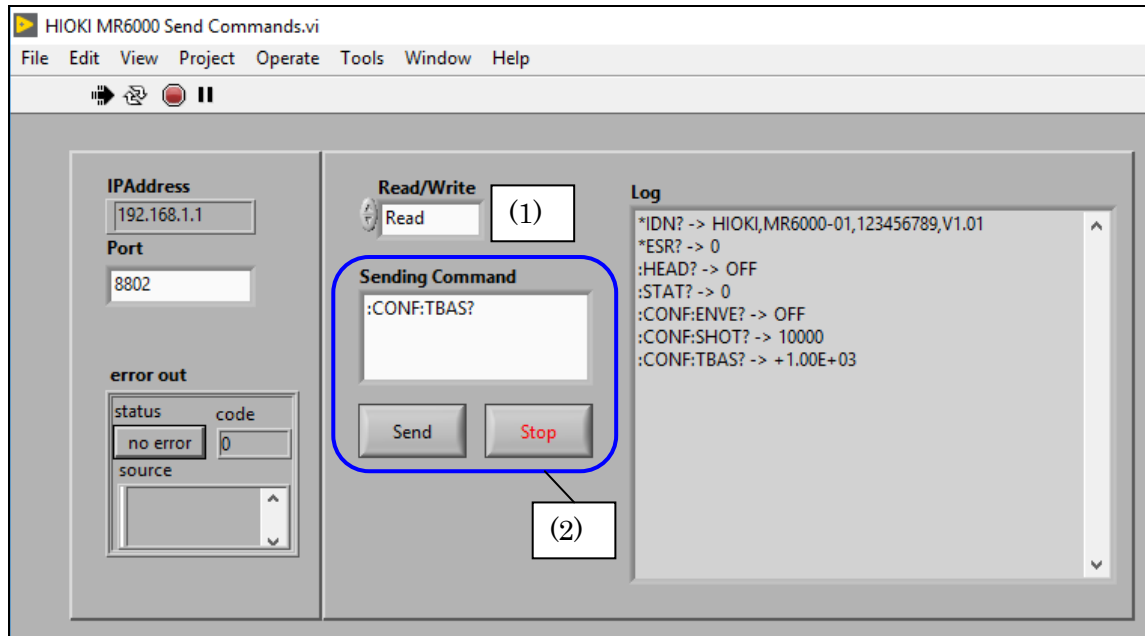


- (1) Connects to MR6000.
- (2) When recording is in progress, this VI can not acquire waveform data and stop recording.
- (3) The following steps are executed.
 - Acquires time base setting and calculate temporal resolution.
 - > Sets the channel and start point that read the waveform data.
 - > Reads the waveform data every 8000 points.
- (4) Displays the waveform data on the graph.

4. HIOKI MR6000 Send Commands.vi

4.1 Front Panel

Sends the queries and commands and displays log.



(1) Read/Write

Specifies the "Read" to send the query.

Specifies the "Write" to send the command.

(2) Sending Command

Inputs the sending queries and commands.

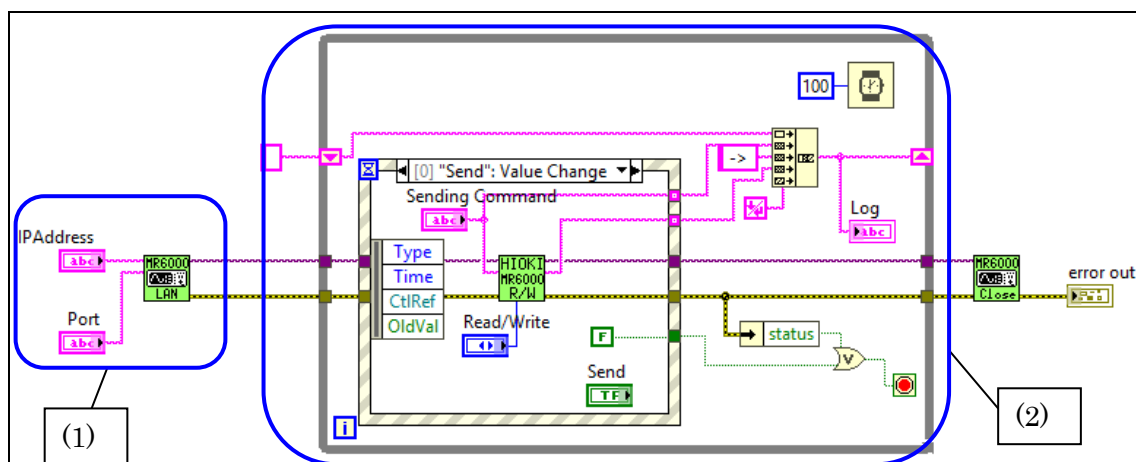
Push "Send" button to send.

Push "Stop" button to quit.

Note:

For communication commands, refer to the MR6000/MR6000-01 Communication Command Instruction Manual.

4.2 Block Diagram



(1) Connects to MR6000.

(2) Sends the query and command and displays log.