

# LabWindows/CVI, VXIplug driver history for the R&S® HMP Power Supplies Family

## Products:

| R&S® HMP40xx / 20xx



Driver history for LabWindows/CVI and VXIplug&play Instrument Driver for C/C++ etc.

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# 1 Supported Instrument

In the following table the supported R&S instruments and firmware versions are listed:

| <b>Which instruments are supported?</b>  |                           |                |
|--|---------------------------|----------------|
| <b>Current revision of instrument driver supports these instruments and firmware versions:</b> |                           |                |
| <b>Instrument</b>  | <b>Supported Firmware</b> | <b>Remarks</b> |
| HMP4030<br>HMP4040<br>HMP2020<br>HMP2030   | 2.62                      |                |

## 2 LabWindows/CVI and VXIplug&play driver history

| hmp4000 Instrument Driver   |         |   |
|---|---------|---|
| Driver history for LabWindows/CVI and VXIplug&play Instrument Driver for C/C++, VEE, etc. |         |   |
| Revision  | Date    | Note  |
| 2.6.2   | 11/2018 | Optimized performance for all interfaces<br>Fixed attributes:<br>HMP4000_ATTR_SYSTEM_LOCAL<br>HMP4000_ATTR_SYSTEM_REMOTE<br>HMP4000_ATTR_SYSTEM_REMOTE_LOCK<br>HMP4000_ATTR_SYSTEM_REMOTE_MIX   |
| 2.6.0   | 04/2018 | * Adjusted for HMP firmware 2.62<br>* Fixed hmp4000_Initialize VI_ERROR_FAIL_ID_QUERY error<br>* Added USB-TMC support<br>* Optimized performance for all interfaces<br>* Fixed hmp4000_self_test<br>* Fixed hmp4000_error_query<br><br>New:<br>hmp4000_ConfigureErrorChecking  |
| 2.1.0   | 06/2016 | * Fixed 64-bit driver<br>* New functions:<br>- hmp4000_RemoteMode<br>- hmp4000_GetChannel<br>- hmp4000_ConfigureGeneralOutputState<br>- hmp4000_ConfigureOutputStateChannelOnly<br>- hmp4000_ClearStatus<br>- hmp4000_IDQueryResponse<br>- hmp4000_ProcessAllPreviousCommands<br>- hmp4000_QueryOPC<br>* Updated functions:<br>- hmp4000_error_query - reads out all errors<br>- hmp4000_GetError<br>- hmp4000_ConfigureChannel - help updated<br>- hmp4000_ConfigureOutputState - help updated |
| 2.0.0   | 12/2015 | * Added support for MHP4030, HMP4040, HMP2000, HMP2020, HMP2030<br>* Driver core updated  |
| 1.0.1   | 12/2010 | Fixed InitWithOptions - failure if init did not pass  |
| 1.0.0   | 03/2010 | Initial release   |

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