

# IVI.NET driver history for the R&S® HMP Power Supplies Family

**Products:**

- | R&S® HMP40xx / 20xx



Driver history for IVI.NET C#, Visual Basic .NET

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## 2 Supported Instruments

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 HMP4040 HMP2020 HMP2030	2.70	

## 3 IVI.NET driver history

Hmp4000 Instrument Driver		
Driver history for C#, Visual Basic .NET		
Revision	Date	Note
3.0.0	05/2022	<ul style="list-style-type: none"> <li>* New Core 3.3.0</li> <li>* New properties/methods:               <ul style="list-style-type: none"> <li>- Hmp4000.System.QueryOPC()</li> <li>- Hmp4000.System.InstrumentOptions()</li> <li>- Hmp4000.System.HasOptionInstalled()</li> </ul> </li> <li>* Updated:               <ul style="list-style-type: none"> <li>- Hmp4000.ArbitraryGenerator.ConfigureArbitraryGeneratorWaveformData() - bugfix</li> </ul> </li> </ul>
2.7.1	02/2021	<ul style="list-style-type: none"> <li>* New core 2.13.0</li> <li>* Fixed setting of initial VISA Timeout which previously led to VISA timeout error in the driver constructor.</li> </ul>
2.7.0	01/2021	<ul style="list-style-type: none"> <li>* New core 2.12.0 – there is only one universal driver assembly compiled for AnyCPU. You can use it for 32-bit, 64-bit, or AnyCPU builds.</li> </ul>
2.6.5.0	02/2020	<ul style="list-style-type: none"> <li>* New Core 2.8.3</li> <li>* New properties/methods:               <ul style="list-style-type: none"> <li>- Hmp4000.VoltageAndCurrent.OverVoltageProtectionMode</li> </ul> </li> </ul>
2.6.4.0	10/2019	<ul style="list-style-type: none"> <li>- New Core 2.8.0</li> <li>- Support for Virtual Names from Ivi Config Store</li> <li>- Installer fills out Physical Names of Driver SW Module in Ivi Config Store</li> <li>- Fixed Published APIs in Ivi Config Store</li> <li>- <code>_driver.System.Channel Repeated Capability</code> indexers changed from lower case “ch1,ch2,ch3,ch4” to upper case “CH1,CH2,CH3,CH4”</li> </ul>
2.6.3.0	07/2019	<ul style="list-style-type: none"> <li>IlviDcPwr class interface fixes:               <ul style="list-style-type: none"> <li>- Fixed implementation for <code>IlviDCPwrOutput.CurrentLimit</code></li> <li>- Fixed channel selection when using <code>IlviDCPwrOutputCollection.Outputs</code></li> </ul> </li> <li>- New Core 2.5.0</li> </ul>
2.6.2.0	11/2018	Initial release

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- ISO 14001-certified environmental management system



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