

IVI.NET driver history for the R&S® Power Supplies Driver Documentation

Products:

| R&S®HMC804x



| R&S®NGE10x



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

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1 Supported Instruments

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

Which instruments are supported?		
Current revision of instrument driver supports these instruments and firmware versions:		
Instrument	Supported Firmware	Remarks
HMC804x	1.400	
NGE10x	1.40	

2 IVI.NET driver history

RsHmc804x Instrument driver		
Driver history for C#, Visual Basic .NET		
Revision	Date	Note
1.6.0.0	04/2019	<ul style="list-style-type: none"> - New Core 2.4.0.0 - fixed dependency on Windows Regional decimal point settings. - Added IVI-mandatory members to <code>_driver.System</code> - Changed interface <code>IRsHmc804xUtilityFunctions</code>: <ul style="list-style-type: none"> - Removed <code>WriteToInstrument</code> (replaced with <code>_driver.System.WriteString</code>) - Removed <code>ReadInstrumentData</code> (replaced with <code>_driver.System.ReadString</code>) - Removed <code>ReadBinaryBlockToStream</code> (Replaced with <code>_driver.System.ReadBytes</code>) - Removed <code>ErrorMessage</code>
1.5.1	04/2018	<ul style="list-style-type: none"> - Make sure you use this instrument driver with HMC804x firmware 1.400 (12/2017) or newer - Improved performance for NGE10x and HMC804x instruments over LAN, GPIB, USB-TMC
1.5.0	12/2017	<ul style="list-style-type: none"> - IVI.NET Shared components 1.4.0 referenced - Fixed <code>Outputs.Configure()</code>, <code>Outputs.ChannelOnlyEnabled</code>, <code>Outputs.MasterEnabled</code> for NGE10x instruments
1.4.0	03/2017	* Added support for NGE10x
1.3.0	02/2017	<ul style="list-style-type: none"> * Added additional delay before each <code>viRead</code> and <code>viWrite</code>. Default value is set to 50ms, but can be changed during initialization using option string. Use syntax i.e. <code>"Simulate=0,DriverSetup=(WriteDelay=100,ReadDelay=50)"</code> * Installer compliant with IVI 3-17: <ul style="list-style-type: none"> - side-by-side installation - more driver versions can be installed at the same time, older versions must be uninstalled manually - installation paths changed <ul style="list-style-type: none"> 64-bit driver installation path: <code>"c:\Program Files\IVI Foundation\IVI\Microsoft.NET\Framework64\v4.0.30319\RohdeSchwarz.RsHmc804x 1.3.0.0"</code> 32-bit driver installation path: <code>"c:\Program Files (x86)\IVI Foundation\IVI\Microsoft.NET\Framework32\v4.0.30319\RohdeSchwarz.RsHmc804x 1.3.0.0"</code> - <code>*WAI sync</code> replaced by <code>*OPC? sync</code>
1.2.0	04/2016	<ul style="list-style-type: none"> * New class <code>driver.UtilityFunctions</code> * Modified: <ul style="list-style-type: none"> - <code>Outputs.SelectAllChannel</code> - renamed to <code>Outputs.ChannelOnlyEnabled</code>, added <code>*WAI</code> to force synchronization
1.0.1	01/2015	<ul style="list-style-type: none"> * Modified: <ul style="list-style-type: none"> - <code>Outputs.SelectedChannel</code> - added <code>*WAI</code> to force synchronization - <code>Outputs.Enabled</code> - added <code>*WAI</code> to force synchronization
1.0.0	02/2014	Initial release

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