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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April 8, 2019

ROHDE & SCHWARZ

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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	- New Core 2.4.0.0
		
		- fixed dependency on Windows Regional decimal point settings.
		
		- Added IVI-mandatory members to _driver.System
		
		- Changed interface IRsHmc804xUtilityFunctions:
		
		  - Removed WriteToInstrument (replaced with _driver.System.WriteString)
		
		  - Removed ReadInstrumentData (replaced with _driver.System.ReadString)
		
		  - Removed ReadBinaryBlockToStream (Replaced with _driver.System.ReadBytes)
		
		  - Removed ErrorMessage

1.5.1	04/2018	- 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	- IVI.NET Shared components 1.4.0 referenced - Fixed Outputs.Configure(), Outputs.ChannelOnlyEnabled, Outputs.MasterEnabled for NGE10x instruments
1.4.0	03/2017	* Added support for NGE10x
1.3.0	02/2017	* Added additional delay before each viRead and viWrite. Default value is set to 50ms, but can be changed during initialization using option string. Use syntax i.e. "Simulate=0,DriverSetup=(WriteDelay=100,ReadDelay=50)" * Installer compliant with IVI 3-17: - side-by-side installation - more driver versions can be installed at the same time, older versions must be uninstalled manually - installation paths changed 64-bit driver installation path: "c:\Program Files\IVI Foundation\IVI\Microsoft.NET\Framework64\v4.0.30319\RohdeSchwarz.RsHmc804x 1.3.0.0" 32-bit driver installation path: "c:\Program Files (x86)\IVI Foundation\IVI\Microsoft.NET\Framework32\v4.0.30319\RohdeSchwarz.RsHmc804x 1.3.0.0" - *WAI sync replaced by *OPC? sync
1.2.0	04/2016	* New class driver.UtilityFunctions * Modified: - Outputs.SelectAllChannel - renamed to Outputs.ChannelOnlyEnabled, added *WAI to force synchronization
1.0.1	01/2015	* Modified: - Outputs.SelectedChannel - added *WAI to force synchronization - Outputs.Enabled - added *WAI to force synchronization
1.0.0	02/2014	Initial release