

Geomagic Nikon ModelMaker Plugin 3.3

Release Notes, August 7, 2012

This plugin enables Geomagic Studio 2012, Geomagic Qualify 2012, Geomagic Qualify Probe 2012, and Geomagic Wrap 2012 to operate with to operate with the Nikon ModelMaker scanner.

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Prerequisites

The following prerequisites must be verified prior to installing the plugin:

- **Geomagic Software Version:** This plugin requires a Geomagic product listed in the heading above.
To verify your current version, launch the application and select **App Button**  **> About**. The About dialog box displays the current software version (2012.X.X).
- **Supported Operating Systems:** This plugin supports the 32-bit and 64-bit versions of Microsoft Windows XP, Windows Vista, and Windows 7 (Service Pack 1).
- **Additional Software:** The following applications must also be installed on your system:
 - WinRDS 7.1.5 (or later)
 - Handheld API 3.6 (or later)


Installation

To install the plugin:

1. Verify that your system is connected to the scanner.
2. Verify the installation of the supported Geomagic product (as listed above).

3. If necessary, log in to your system as a user with administrative privileges.
4. Verify that the correct versions of both WinRDS and Handheld API are installed on your system (as listed above).

For more information, contact your local Nikon administrator.

5. From the [Plugins Page](#) of the [Geomagic Support](#) web site, download the plugin installer. Be sure to download the correct bit version (32-bit or 64-bit) for your system.
6. Run the installer.
7. Start the Geomagic application and verify that the plug-in appears in the **Scanning Plug-In** drop-down list under **App Button**  > **Options** > **Hardware** > **Digitizers**.

Known Issues

When stopping (not pausing or unpausing) the scanning, there is a delay (up to 8 seconds depending on computer performance) when using the CimCore Romer arm.

List of Fixed Issues/Enhancements

Version 3.3

- Usage sounds are now functional.
- If the Nikon HandHeld API runtime is not installed, the plugin now displays an error message instead of simply not functioning.
- More descriptive error messages are now used.
- More robust checking for stored hardware profiles is available.
- Instead of looping, you are only prompted to create a new profile once. However, it is possible to create a new profile by reconnecting.

Version 3.2

- It was impossible to create a new qualification if at least one profile did not already exist.

Version 3.1

- Only a 32-bit version was available. A 64-bit version has been created.
- The plugin would sometimes crash during continuous probing.
- The virtual camera was not working correctly.
- The behavior of the Profile Selection dialog has been improved.