

MrSID Format Support for AutoCAD

User Guide

Publisher: GeoWGS84 (d.b.a. LizardTech)

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Supported Versions: AutoCAD 2027 (Windows 64-bit)

Version: 1.0.0

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1. What Does This Plugin Do?

This plugin adds native MrSID (.sid) raster image support to AutoCAD. Once installed, you can open, display, and work with .sid files using AutoCAD's standard image tools — no file conversion needed.

Key Benefits

- .sid files appear in AutoCAD's standard file dialogs
- No BMP/TIFF conversion — pixels decoded on-the-fly
- Georeferenced images placed at correct real-world coordinates automatically
- Supports MrSID Generation 2, 3, and 4 formats
- Works with large satellite/aerial imagery efficiently

2. Installation

From for command line version

1. Download plugin from lizardtech website - [Download here](#)
2. You can find the zip (MrSID_AutoCADPlugin.zip) file and unzip it in any where
3. Open AutoCAD ,click on New drawing
4. You can find command line box , then type APPLOAD for uploading and click Enter
5. You can see the plugin MrSIDAcadPlugin.Arxx (AutoCAD Runtime Extension) wherever you unzipped it, select the Arxx file and click on load ,then click load once or Always load.
6. You can see “ **MrSID plugin loaded**”.
7. Type “**MRSIDIMPORT**” to load a sid files in AutoCAD

Verify Installation

After AutoCAD starts, check the command line. You should see:

MrSID Format Codec registered - .sid files supported natively.
MrSID Plugin loaded. Use MRSIDIMPORT for .sid files.

To confirm .sid support is active:

1. Type - MRSIDIMPORT and press Enter
2. In the file dialog, check the file type dropdown — "MrSID (*.sid)" should appear

3. How to Use

Method 1: MRSIDIMPORT Command (Easiest)

1. Type MRSIDIMPORT and press Enter
2. A file dialog opens — select your .sid file

3. The image is inserted into model space
4. If the file has georeferencing, it is placed at the correct coordinates
5. Type ZOOM E to fit the image to screen

Method 2: Drag and Drop

1. Open Windows Explorer
2. Drag a .sid file directly into the AutoCAD viewport
3. The image is inserted automatically

4. Working with Georeferenced Images

MrSID files often contain embedded georeferencing (real-world coordinates). When using MRSIDIMPORT:

- The plugin reads the geo-transform from the .sid metadata
- The image is placed at the correct map coordinates automatically
- Scale is applied based on pixel resolution (meters/pixel)

Tips

- After inserting, type ZOOM E to see the image (it may be far from the origin)
- Select the image and check the Properties palette to see origin coordinates
- Use LIST command on the image entity for detailed info
- Set the correct coordinate system in AutoCAD (e.g., UTM zone) before inserting

5. Commands Reference

Command	Description
MRSIDIMPORT	Open file dialog, select .sid, insert with georeferencing
ZOOM E	Zoom to show all objects including the inserted image

6. System Requirements

Component	Requirement
AutoCAD	2027 (64-bit)
OS	Windows 10 or Windows 11 (64-bit)
Runtime	Visual C++ Redistributable 2022 (x64)
Disk	~50 MB for plugin + SDK DLLs

7. Uninstalling

Manual Removal

1. Delete the MrSID AutoCAD plugin folder from your computer
2. Restart AutoCAD

8. Supported MrSID Formats

Format	Version	Support
MrSID Generation 2 (MG2)	v2.x	Read
MrSID Generation 3 (MG3)	v3.x	Read
MrSID Generation 4 (MG4)	v4.x	Read

Note: Writing/encoding MrSID files is not supported by this plugin.

9. Support & License

Contact

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- Plugin: MIT License
- MrSID SDK runtime DLLs: LizardTech license
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