

ScreenGenie

Quick Start Guide

Version 26.7 — PNQ Software

About ScreenGenie

ScreenGenie automates the configuration of your monitor settings when connecting a laptop to external monitors. The program automatically sets brightness, contrast, resolution, refresh rate, and screen layout — without any manual intervention.

Step 1 — Download the Software

Download the latest version of ScreenGenie from the URL below:

```
https://pnqsoftware.com/downloads/ScreenGenie.zip
```

Tip

Save the ZIP file to a known location, such as your Desktop or the Downloads folder, so you can easily find it for the next step.

Step 2 — Extract the ZIP File

Right-click the downloaded file **ScreenGenie.zip** and select **Extract All...** or use an archive tool of your choice (e.g. 7-Zip or WinRAR). After extracting, you will find the installer file **ScreenGenie.msi** in the extracted folder.

Step 3 — Installation

Double-click **ScreenGenie.msi** and follow the steps of the installation wizard. Administrator rights are required for installation.

Step 4 — Activate the License

After installation, you need to activate the license. You can choose from two methods:

Method A — Via the Command Line (recommended)

Open a command prompt (CMD) and enter the following command:

```
AddLicense.Cli -License "YOUR-DEMO-LICENSE"
```

Method B — Via the Application

Launch ScreenGenie. The program will display a license notification and close automatically. Then navigate to the folder:

```
%ProgramData%\PNQ Software\ScreenGenie
```

Open the file **license.ini** and copy in the following content:

```
[License]
Key = YOUR-DEMO-LICENSE
ExpireDays = 13
```

Request a License

A license key can be requested via support@pnqsoftware.com.

Step 5 — Launch and Configure the ScreenGenie GUI

When one or more external monitors are connected to the computer, launch the ScreenGenie GUI and set the desired brightness and contrast for the monitor(s).

Save Default Values

Click the **[+]** button next to “Set as default values” (below the monitor) to save settings. The following scopes are available: **All Monitors** — applies the settings as the default for all monitors. **Per Model** — saves settings for all monitors of the same model (e.g. DELL P2426HE). **Per Monitor** — saves settings for this specific monitor by serial number.

Screen Layout and Vertical Alignment

Adjust the screen layout to your preference:

- Laptop left
- Laptop center below
- Laptop right

Also set the **vertical alignment** (useful for displays with different vertical resolutions). These values are saved immediately.

Engine Switch

The Engine switch in the top bar temporarily pauses all automatic adjustments (brightness, contrast, resolution, refresh rate, scaling, and layout positioning). The window stays open while Engine is off, so it can be switched back on at any time. Turning it off asks for confirmation first; turning it back on is instant.

Step 6 — Connect to Another External Monitor

ScreenGenie now includes a **Tray Agent** that runs in the system tray and automatically launches the ScreenGenie engine whenever a monitor is connected or disconnected. This is the default behavior when `[Change] OnPower = Yes` is present in `screengenie.ini` (enabled by default). When the Tray Agent is active, no manual launch is needed. Alternatively, you can still launch one of the following options manually:

Option	Description
ScreenGenie Refresh	Lightweight version without GUI, configuration only
ScreenGenie (GUI)	Full program with graphical interface

The external monitor will now automatically adopt all saved settings.

What Does ScreenGenie Do?

On startup, ScreenGenie automatically performs the following actions:

- Deduplicates the displays (duplicate display mode is disabled)
- Positions the laptop left, right, or center below the external monitor
- Aligns displays vertically (for differing vertical resolutions)
- Sets brightness and contrast
- Sets the primary monitor
- Sets resolution and refresh rate
- Forces an external monitor to the left or right based on connection type, monitor name, or serial number
- Sets the scaling of a particular display (100%, 125%, 150%, ...)

DisplayReset — Testing on the Same Monitor(s)

To test ScreenGenie's functionality on the same monitor(s), a DisplayReset application is available. This allows you to reset brightness and contrast to factory defaults.

Administrator Rights Required

The DisplayReset application and resetdisplay.cmd must be run as administrator. Make sure the laptop screen is open.

Example: resetdisplay.cmd

Create a batch file with the following content and run it as administrator:

```
SetVCP -all -code 0x05  
DisplayReset -reboot
```

What Does the Reset Script Do?

- Resets brightness and contrast to factory defaults
- Removes all display settings from the Windows 11 registry
- Restarts the computer

i After the Restart

After the restart, all displays will be duplicated. Once ScreenGenie Refresh is launched, all previously saved settings will be automatically reapplied.

Telemetry — Cloud-Based Monitoring

ScreenGenie offers optional telemetry support. When a telemetry.ini file is present in the ScreenGenie program folder, the PC will forward monitor data to the PNQ Cloud Telemetry Server.

Activate Telemetry

Together with your (demo) license key, you will receive a **Tenant ID** and an **API Key**. Enter these using the `TelemetryIni` command. Open a command prompt and enter the following command:

```
TelemetryIni -Tenant tenant-id -ApiKey api-key
```

Then restart ScreenGenie or ScreenGenie Refresh. The monitor will now be registered in the telemetry console.

✉ Request a Tenant ID and API Key

A Tenant ID and API key can be requested via support@pnqsoftware.com.

i Location of the telemetry.ini File

%ProgramData%\PNQ Software\ScreenGenie\telemetry.ini

Accessing the Telemetry Console

Go to the following URL to open the telemetry console:

```
https://telemetry.pnqsoftware.com/
```

Then log in with the username and password linked to your tenant ID and API key.

Monitor Overview

After logging in to the telemetry console, the Monitor Overview is displayed. The following information is shown for each connected monitor:

Column	Description
Hostname	Name of the computer to which the monitor is connected
Model	Model name of the monitor (e.g. DELL P2723D)
Serial #	Serial number of the monitor
Connection	Connection type (e.g. DisplayPort-1, Thunderbolt)
Firmware	Firmware version of the monitor (if supported)
Resolution	Configured resolution (e.g. 2560x1440)
Hz	Refresh rate in Hertz
Brightness	Current brightness level (color-coded: green = low, orange = medium, red = high)
Contrast	Current contrast level
Scale %	Live Windows display scaling percentage (e.g. 100%, 125%, 150%)
Engine	Whether the Engine switch is On or Off on that PC (color-coded: green = On, red = Off)
Last Seen	Date and time of the last report

Using the **Export CSV** button, an overview of all monitors can be exported as a spreadsheet.

Accessing the Telemetry Console

Go to the following URL to open the telemetry console:

```
https://telemetry.pnqsoftware.com/
```

Request Login Credentials

A login and password can be requested via support@pnqsoftware.com.

Roles and Permissions

The telemetry console has two user roles with different permissions:

Feature	Admin	User
View monitor overview	✓	✓
Export monitor data (CSV)	✓	✓
Remove monitor from the list	✓	✗
Create users	✓	✗
Change password	✓	✓

Quick Summary — Steps at a Glance

1. Download ScreenGenie.zip from pnqsoftware.com/downloads
2. Extract the ZIP file
3. Install ScreenGenie.msi (administrator rights required)
4. Activate the license via CMD or via license.ini
5. Configure brightness, contrast, and screen layout via the GUI
6. Save the default values via the [+] button → All Monitors
7. Connect another external monitor and launch ScreenGenie Refresh
8. (Optional) Activate telemetry and view the console

Contact & Support

For questions or support, visit pnqsoftware.com or contact your PNQ Software representative.