



CC3

Calibration Software

Release Notes

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V3.4.1

1.1 Compatible Versions

Calibration Plan		Control System and Version	Recommended Controller and Version
Cabinet calibration	High-precision brightness and chroma calibration	VMP V1.5.0.CTM0500	KU20 V1.5.0.CTM0504
	Full-grayscale calibration 1.0		MX40 Pro V1.5.0.CTM0504
	Low-grayscale calibration		MX6000 Pro V1.5.0.CTM0504
	Full-grayscale calibration 1.0 + low-grayscale calibration		CX40 Pro V1.5.0.CTM0504
	Brightness and chroma calibration	NovaLCT V5.9.1.CTM5702 VMP V1.5.0.CTM0500	MCTRL4K V1.2.9.0.STD KU20 V1.5.0.CTM0504
Screen calibration	Brightness calibration	VMP V1.5.0.CTM0500	MX40 Pro V1.5.0.CTM0504
	High-precision brightness and chroma calibration		MX6000 Pro V1.5.0.CTM0504
	Low-grayscale calibration		CX40 Pro V1.5.0.CTM0504
	Full-grayscale calibration 1.0		
	Full-grayscale calibration 2.0		
Effect optimization	Curved surface correction		

1.2 New Features

1.2.1 Low-Grayscale Screen Calibration

Description

This feature is for screens that use special driver ICs and have poor performance at low grayscale levels in order to achieve a smooth linear transition for low grayscale.

New Project

Project Name
New Project 20260909084333

Project Path
D:/Calibration Browse

Project Description
Enter
0/200

Regular Screen Irregular Screen COG

Project Type
☒ Screen Calibration ☐ Cabinet Calibration ☐ Effect Optimization

Single-Layer Calibration
☐ Brightness ☐ High-Precision Brightness and Chroma ☒ Low-Grayscale

Multi-Layer Calibration
☒ Full-Grayscale 1.0 ☐ Full-Grayscale 2.0

Calibration Configuration
Image Booster ☐ Enable ☒ Disable

Cancel OK

1.2.2 Low-Grayscale Cabinet Calibration

Description

This feature is for cabinets that use special driver ICs and have poor performance at low grayscale levels in order to achieve a smooth linear transition for low grayscale.

New Project

Project Name
New Project 20260909084333

Project Path
D:/Calibration Browse

Project Description
Enter
0/200

Regular Screen Irregular Screen COG

Project Type
☐ Screen Calibration ☒ Cabinet Calibration ☐ Effect Optimization

Single-Layer Calibration
☐ Brightness and Chroma ☐ High-Precision Brightness and Chroma ☒ Low-Grayscale

Multi-Layer Calibration
☐ Full-Grayscale 1.0 ☒ Full-Grayscale 1.0+ Low-Grayscale

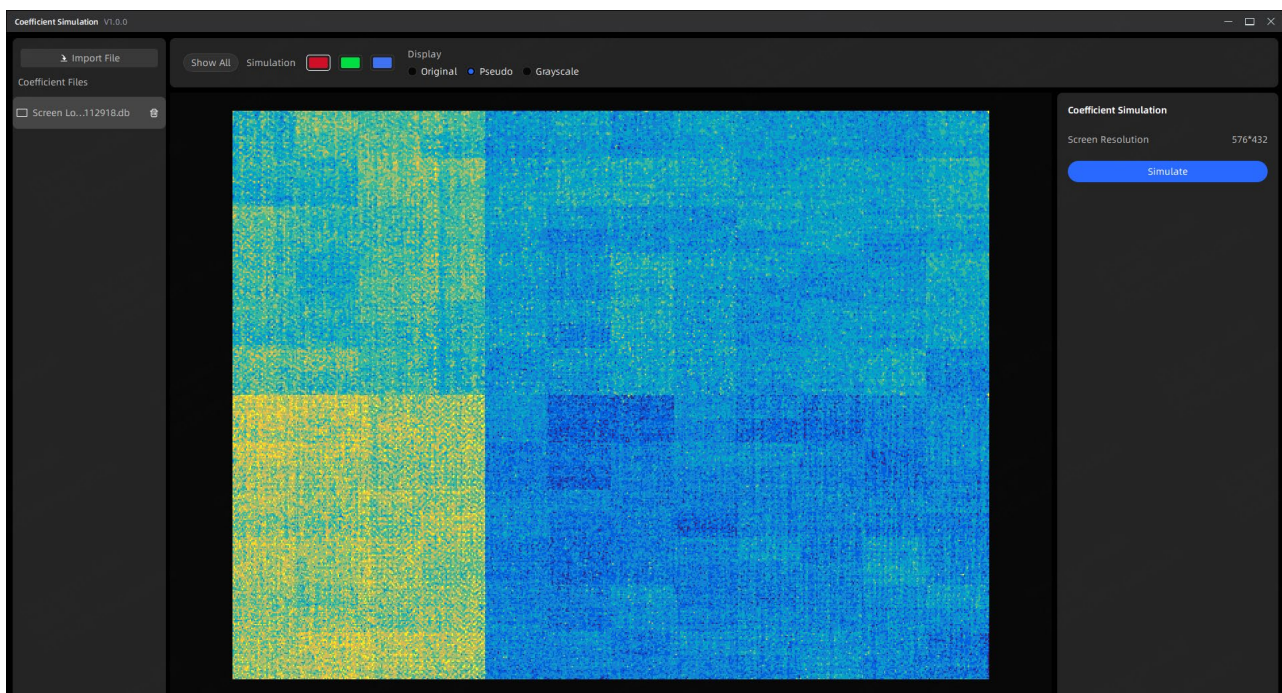
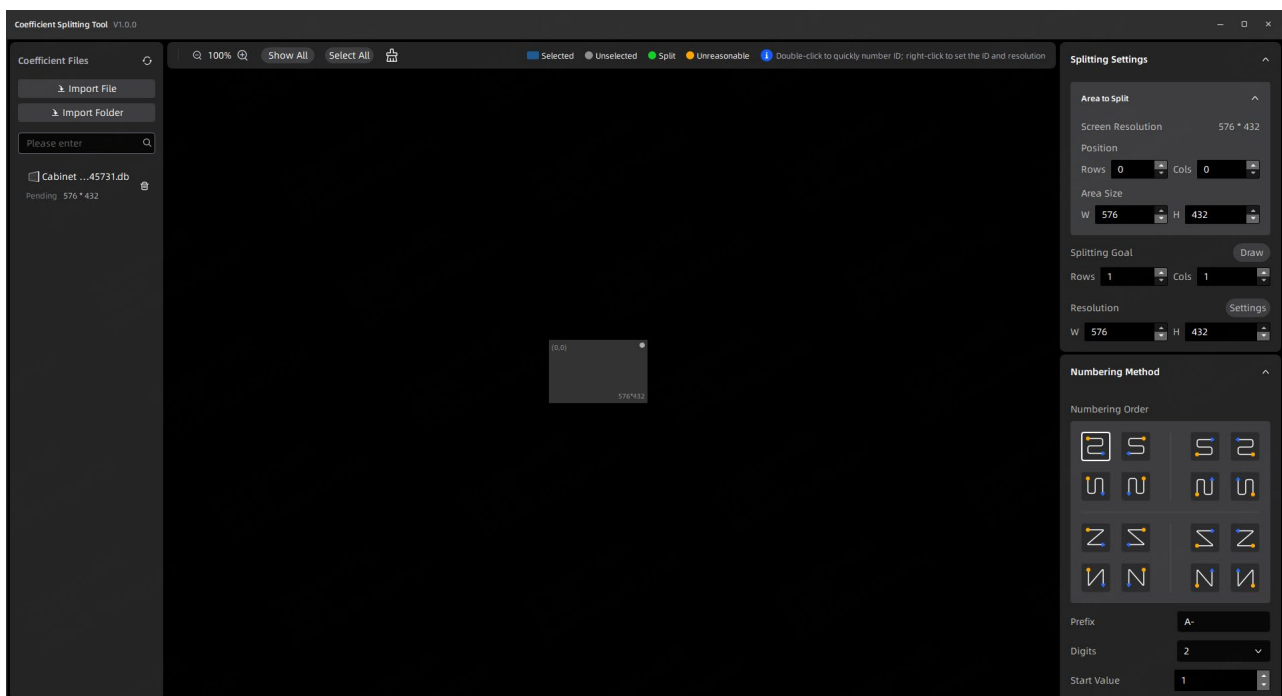
Calibration Configuration
Image Booster ☐ Enable ☒ Disable

Cancel OK

1.2.3 Coefficient Tools

Description

Supports calibration coefficient splitting and simulation. It allows flexible splitting to accommodate various cabinet specifications and enables the simulation of calibration effects in advance. This effectively mitigates on-site calibration risks and enhances commissioning flexibility and adaptability.



1.2.4 Cabinet Curved Surface Correction

Description

Addresses the patterned curved surface issues remaining after the initial cabinet calibration through a second-pass fine correction, further minimizing color and brightness deviations across the display.

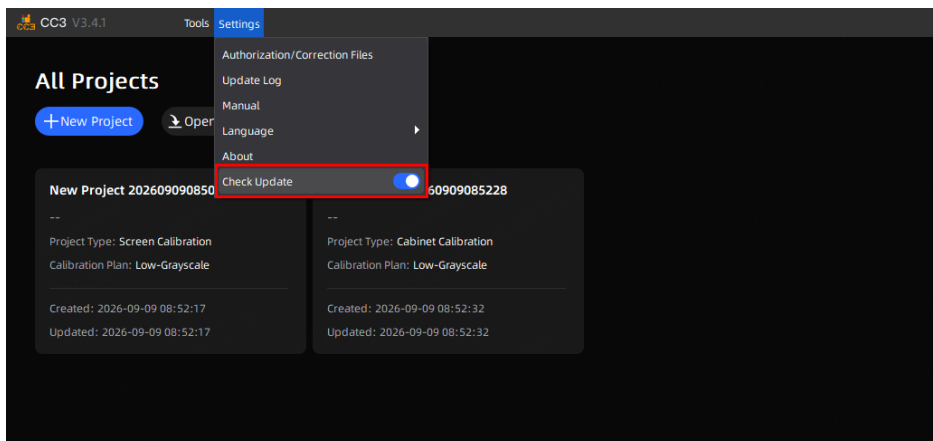
The 'New Project' dialog box is shown with the following fields and options:

- Project Name:** New Project 20260909085020
- Project Path:** D:/Calibration (with a 'Browse' button)
- Project Description:** Enter (with a 0/200 character count)
- Project Type:** Regular Screen, Irregular Screen, COG (tabs)
- Project Type:** Screen Calibration, Cabinet Calibration, Effect Optimization (radio buttons)
- Calibration Plan:** Curved Surface Correction (selected, with an info icon)
- Import Curved Surface Correction File:** Select .nccpro file (with a 'Browse' button)
- Buttons:** Cancel, OK

1.2.5 Online Update

Description

Supports online software updates.



1.3 Improvements

- Optimized the target value logic.
- Added coefficient configuration to screen brightness calibration.
- Added support for adjusting bezel settings after partitioning.
- Added access to the CC3 online user manual.
- Optimized the wording of several UI messages.

1.4 Changes

None

1.5 Bug Fixes

None

1.6 Notes

None

2 Copyright

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