

# NovaLCT

V5.7.1



# **Release Notes**

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# 1 Update Instructions

## 1.1 Online Upgrade

Step 1 From the menu bar, choose **Help > Online Update**.

0 NovaLCT V5.6.0			_	×
System (S) Settings (C) Tools (T) Plug-in (P) User (U) Language (L)	•	Help (H)		
		User Manual (D)		•
		Update Log (U)		
Cloud Monitoring Brightness Screen Control Monitoring Multi-function Care     Local System Information		About (A)		
		Online Update		
Control System 1 Other Device 0 Vie	Ē	Online Support		
Monitor Information		Export Log		
		U 🔄		_
Service Status: Service version:3.1.1			12	

## Step 2 Confirm the update.

Online Update		- ×
A new version	n is available. Update now?	
	OK	Close

## 1.2 Local Update

- Step 1 Visit the "Downloads" page on the NovaStar website and download the NovaLCT V5.7.1 installation package.
- Step 2 Double-click to run the package and proceed with the installation.

# **2** Key Features

## 2.1 Image Booster Upgrade

• Added adjustable parameters for Magic Gray.

### Reason for Change

- Allows the Magic Gray jitter effect to be adjusted for better compatibility with various display scenarios.
- Supported by A10s Pro receiving card V1.4.3.0 and later.

## Function

• Starting from NovaLCT V5.7.1, you can access the **Effect Settings** within the **Image Booster** interface.



• Click the Effect Settings button to access the corresponding interface.

ffect Settings	
The following parameters can	be set individually for each frame rate
Jitter bit 🗸	Gamma bit 18bit 🗸 🗸
2 to 6, the lower the num	uber, the less jitter gray level, 0 indicates no
Starting gre 🦲	
R: 🗸	G: V B: V
Set the initial jitter leve	l of R, G, and B respectively
Note: Modifying the st	and the second second second states of the second
	arting grayscale setting overrides the fine
The following parameters are	set for all frame rates
The following parameters are Low ash com	set for all frame rates 33.3 %
The following parameters are Low ash com — — — The value ranges fro	set for all frame rates 33.3 % m 0 to 100%. The larger the value, the less the
The following parameters are Low ash com — — — The value ranges fro Low ash compensation value:0	set for all frame rates 33.3 % m 0 to 100%. The larger the value, the less the
The following parameters are Low ash com	set for all frame rates 33.3 % m 0 to 100%. The larger the value, the less the w gray brightness
The following parameters are Low ash com	set for all frame rates 33.3 % m 0 to 100%. The larger the value, the less the w gray brightness Phase separation
The following parameters are Low ash com	set for all frame rates 33.3 % m 0 to 100%. The larger the value, the less the work of the larger of the value, the less the work of the larger of the value, the less the work of the larger of the value, the less the work of the larger of the value, the less the

**Jitter bit width (gamma bit depth)**: Controls the range of low-grayscale jitter, adjustable between 2 and 6 grayscale levels. Users can set this based on their specific needs.

Starting grayscale: Set the starting jitter grayscale level for R, G, and B separately.

**Low-grayscale slope coef**: Controls the slope of the low-grayscale section of the gamma curve. A higher value results in fewer gray shades in the low-grayscale section and reduced jitter.

**Low-grayscale compensation**: Raises the overall low-grayscale section to bypass problematic initial grayscale levels.

Jitter phase: Option to jitter R, G, B separately or together.

Jitter type: Enable spatial jitter only.

## 2.2 Newly Supported Devices

No.	Device Model
1	MCTRL700 Pro
2	TU40 Pro
3	T16 Pro
4	TB10 Plus
5	TB20 Plus
6	TCC160
7	TU4K Pro
8	TV4
9	КТ20
10	VX2000 Pro

## **3** Newly Supported Chips

No.	Manufacturer	Model
1	ICN	ICND7001
2	MDI	MBI5756
3	МВІ	MBS7752
4	CFD	CFD955C

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5		CFD455J				
6		LS9932				
7	LS	LS9952				
8		SM16399				
9		SM16269S				
10		SM16386SH				
11	SM	SM16269SW				
12		SM16189SC				
13		SM16510SC				
14		FM6565E				
15		FM6373C				
16	LYD	LYD2200				

# 4 New Features

## 4.1 Calibration

## 4.1.1 Calibration Process Acceleration

## Reason for Change

- Enhance the efficiency of the calibration database parsing to speed up the entire calibration process.
- Compatible with the CC3 V3.2.0 and later.

## Function

Screen Calibration						-		$\times$
Single-Screen Mode Combined-Sc • •	Online Calibration Offline	e Calibration Manage	Coefficients Double Call	oration Coefficients				
Current Operation Communication Port USB@Port_#0002.Hub_#0001	Select database							
Current Screen	Pixel leve	<ul> <li>Dark or brig.</li> </ul>	Full-Gravscal	Adaptive C	alibratio			
Screen1	Select Database				Browse			
	Туре	Unknown	Cabinet ID	~				
	Columns		Rows					
	Description		Coef Type:	~	]			
Cottings of Displaying Image	Uploading Mode	Fast Upl	Stable U					
Position to Displaying Image:								
Primary Display 🗸								
Device Response Time								
100 🗘 ms								
Hardware Test Pattern	8							
Fashla Diashla Calibratian								
O Disable								
Brightnes     Low Gra								
O Chroma								
O Full-Graysc	<u>L</u>							
Dark or Save						ext	Retu	.m

- When uploading coefficients, both accelerated and non-accelerated database formats are supported.
- During coefficient readback, it is saved by default in the accelerated format.
- Databases in the new format cannot be loaded with older versions of NovaLCT. You'll need to use the data format conversion tool to convert them for compatibility.

## 4.1.2 Support for Full-grayscale Calibration 2.0

## Reason for Change

• Supports full-grayscale 2.0, allowing for the optimal calibration policy based on the LED screen's performance.

#### Function

- Online calibration now supports full-grayscale calibration 2.0 and works alongside the CC3 to complete the process.
- Coefficient upload, readback, and erase operations all support full-grayscale calibration 2.0.
- Calibration threshold settings allow you to independently enable or disable the upper and lower thresholds. It also lets you set the transition range for effects below the lowest and above the highest calibration grayscale levels.

Calibrati											
Calibration Thre	shold										
Graysc R	0	A V	3	0	*	В	0	*	VR	0	*
Gamma R	0		3	0		В	0		VR	0	
Calibration Coef	ficients-										
Brig R	1883	* *	3	1883	*	В	1883	*	VR	1883	*
Full R	2048	×	3	2048	×	В	2048	×	VR	2048	*
Transition Range											
Transi R	8	A V	3	8	×	В	8	*	VR	8	×
										C J	_
										Jenu	
ull-grayscale 2.0	D										
Lower T	hreshold				Upper	Thr	eshold				
Lower Tr	2048			Upper	Tr	16	384	*			
_		_				_					
						1					
Lower Thr 2513	Lo	wer Cal. 61	* *		Upper 98853	Ca	1	Upper 115237	Thr.	<b>A</b>	

• Full-grayscale calibration 2.0

Screen Calibration		- 🗆 ×
Single-Screen Mode Combined-Sc * +	Online Calibration Offline Calibration Manage Coefficients Double Calibration Coefficients	
Current Operation Communication Port COM99 ~	Network Setting           Local IP         10.40.40.57         Port         8080         F	Reconnect
Current Screen		
@ Connect	Communication Information	
(e) screen i	to be the characteristic memory secondency	
Settings of Displaying Image		
Position to Display Image:		
Primary Display V		
Device Response Time		
100 💠 ms		
Method to Display Image:		
Hardware Test Pattern V		
Disable Calibration		
O originates Li Low Gra		
Chroma		
Full-Graysc	Calibration Preparation: Enable only one layer and manua	Export Log Clear
Dark or Save		

## 4.1.3 Coefficient Upload Support for Combined Screens

## Reason for Change

- Coefficient uploads are no longer limited to a single screen.
- Support uploading calibration coefficients for large screens in a single batch.

### Function

• When uploading coefficients, users can select combined screens to upload all calibration coefficients at once.

## 4.2 Display Effect Adjustment

4.2.1 Support for New HDR Algorithm

## Reason for Change

• Introduces support for a new HDR algorithm to accommodate user-adjustable HDR settings.

#### Function

- In the **Adjust Screen Effect** interface, where the visibility of the HDR settings is determined by system features.
- HDR adjustments are divided into two sections: HDR parameters and EOTF adjustments.

M99-Screen1	TTECE							_		
Parameter Se	ttings									
	o									
	o							90	vo to LIM	V
Enable							0		Vetoriv	<u> </u>
Enable s	endino car			Enable I	eceivina	car				
HDR Setting	3									
Effect of HDF	\$									
1. Only HDR	10-compati	ble sian	al sour	ces and re	ceivina c	ards are	e sub	ported, a	ind diffe	re
3. It is recom	mended to	perform	n optical	l paramete	er calibrat	tion on .		Depett	Defeul	еі. н
HDR Param	eter Settina	s					C	Reserv	Delau	n.
HDR Mode	HDR10			$\sim$						
D			_					4000	<b>A</b>	
Peak Scre		`					1	1000	nits	
PQ Mode	ST2084			$\sim$						
MaxCLL	□ Ov	<					>	1000	🚖 nits	
MUNULL	L. No	to: The		a a uraa i a .				uiteb e eu		
	INU	te. me	current	sourceis	INTEDR	IU. Flea	58 51	witch sou	ices.	
EOTF Adjust	ment									
Low C	<					>	0			
LUW-G						-		•	9%	
Ambient	<					>	0	÷	%	
011111111	1						0		1	
Clip Level							U	•	9%	
					_					
						Appl	у	S	ave to H	W
Dunamia Daa	ator									
Dynamic 800	stel									
Enable	Pe	ak Brigh	tn 0		¢ M	lax Brigh	nt	0	*	
Screen Inform	nation									
2025/1/22 14	4:11:30Re	ad recei	iving ca	rd low late	ncy para	meters	succe	^		
LOLO, HEL IS	1-11-20 0	odina L	DP por	amotore						
2025/1/22-1										
2025/1/22 14	+. 11.30iXe	auniy n		ameters					Clear	

- HDR parameters: Users can configure HDR mode, override peak brightness values, set PQ mode, and override max content light level (MaxCLL).
- EOTF adjustment: Allows for adjustments in low-grayscale compensation, ambient light compensation, and chip level adjustment in HDR mode.

## 4.2.2 Dynamic Booster

## Reason for Change

• Enhances display contrast by dynamically adjusting based on the content being displayed.

Function

• In the **Adjust Screen Effect** interface, where the visibility of the **Dynamic Booster** settings is determined by system features.



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• Parameters in the interface: Enabling it turns on the dynamic booster feature, with peak brightness and maximum brightness reflecting parameters pre-stored in the NCP.

Adjust screen e	ffect						- 0		$\times$
COM99-Screen1									
Parameter Set	ttings								
Enable 1	8								
Enable	<				>	0	Save	to HW	J
Enable s	endina car.		🗌 Ena	ble receivi	na car				
HDR Settings Effect of HDR 1. Only HDR 2. Switching 3. It is recom HDR Parame	10-compati sional sour mended to eter Setting:	ble signal : ces or rece perform or s	sources ar eivino card otical para	nd receivin Is requires meter calit	o cards are adiustino t pration on	supp he HD	orted. and R parame Reset to D	l differe eter set )efault	
HDR Mode	HDR10		`	~					
Peak Scre	Ov	۲				>	1000 韋	nits	
PQ Mode	ST2084		`	~					
MaxCLL	Ov	<				> 1	000 🜲	nits	
	No	te: The cur	rent sourc	e is not HD	R10. Pleas	se swi	tch source	es.	
EOTF Adjust	ment								
Low-G	<				>	0	÷.	%	
Ambient	<				>	0	-	%	
Clip Level	<				>	0	÷	%	
					Apply		Save	e to HW	
Dynamic Boos	ster								
Enable	Pea	ak Brightn	0	A V	Max Brigh	t	0	*	
Screen Inform	ation								
2025/1/22 14 2025/1/22 14	l:11:30Re l:11:30Re	ad receivin ading HDR	g card low paramete	latency pa ers	arameters s	ucce.	·· ^	Clear	

## 4.3 Screen Configuration

## 4.3.1 Screen Configuration Optimization

## Reason for Change

- When connecting to a TCC160 device, users can now select a pure sending card mode.
- Automatically adapts to device resolution when connecting to asynchronous devices, simplifying user operations.

#### Function

• The function visibility depends on the sending card feature list.

Screen Configuration-COM99 Service Card Decelor Connec	tion						
Screen1	😧 🗌 Sending Ca	ır				Quantity o 1	~ Configure
Screen Type: Sending Card Number	Standard S     Basic Information     Coordinate: X     Columns	creen 	0 Virtua	○ Com	plex Screen	Screen Ar 192	0 x 1080
Ehernel Port No.     T         2         3         4         5         6         7         8         7         10         1         12         13         14         15         16         Receiving Card Size         Wome, 12         5         6         2         6         460110         12         6         460110         Entity         12         6         460110         Entity         Card Connection         Connection         Connection	<ul> <li>I</li> <li>Sendi</li> <li>Re</li> <li>Sendi</li> <li>Z</li> <li>Re</li> <li>Z</li> <li>Re</li> <li>Sendi</li> <li>Se</li></ul>	2 ing Card:1 Sr Port:1 Sr and 4 dtl v128 in Card:1 Sr Port:1	ending Card:1 Port.1 Reset/ing Card:3 Width:128 Inding Card:1 Port.1 Reset/ing Card:6 Width:128	3 Sending Card.1 Port.1 Resulting Card.2 Width.128 Sending Card.7 Width.128	4 Sending Card 1 Port 1 Card 1 Width-128 Sending Card 1 Port 1 Card 8 Width-128		
	Zoom e	I	Enat	1 Note: ( le Mapping Loa	Click or drag	the left mous	e button to

• When sending screen configuration data, it automatically sets the device source resolution according to the current screen's resolution, simplifying the user's task.

## 4.3.2 Virtual/Real Pixel Interface Optimization

## Reason for Change

• Supports the latest virtual pixel arrangements with configurations for three, four, six, and eight LEDs.

#### Function

• The function can be accessed based on system capabilities.



- Users can select modes and adjust pixel arrangement order according to actual requirements.
- Offers three effect modes: **Balanced**, **Meeting**, and **Image**.
- Balanced mode: Default mode suitable for various display content.
- Image mode: Ideal for viewing pictures or videos, offering vibrant visuals that appeal to the human eye.

• Meeting mode: Designed for displaying documents where there is a stark contrast between foreground and background, preventing eye strain.

## 4.4 Bit Error Detection

## 4.4.1 Ethernet Cable Disconnection Count

### Reason for Change

- Supports detection of Ethernet cable disconnection counts to assess and troubleshoot system stability.
- Supported by receiving card A10s Pro V1.4.3.0 and later.

### Function

• Access through Tools > More > Bit Error Detection. Visibility is based on system capabilities.

Error Bate In	afo Signal-to-Moire Ratio					
Status	Sending card	Ethernet Fort	Beceiving Card	Error Details	No. of Jisconnections	Lo
$\otimes$	COM99-Sending card1	Fortl	Receiving card1	Detection not supported	1	L
0	COM99-Sending cardi	Fort1	Receiving card2	Detection not supported	1	Lo
$\odot$	COM99-Sending cardi	Fort1	Receiving card3	Detection not supported	1	Lo
$\odot$	COM99-Sending card1	Fort1	Receiving card4	Detection not supported	/	Lo
0	COM99-Sending card1	Fort1	Receiving card5	Detection not supported	/	Lo
$\odot$	COM99-Sending card1	Port1	Receiving card6	Detection not supported	1	Lor
$\odot$	COM99-Sending cardi	Port1	Receiving card7	Detection not supported	/	Loc
$\odot$	COM99-Sending cardi	Fort1	Receiving card8	Detection not supported	1	Lo

• If the system supports it, the count of Ethernet cable disconnections will be displayed upon refreshing.

## 4.4.2 Signal-to-Noise Ratio Information

#### **Reason for Change**

- Supports detection of the signal-to-noise ratio of the PHY chip in the receiving card's Ethernet port to evaluate system stability.
- Supported by receiving card A10s Pro V1.4.3.0 and later.

#### Function

• Access through **Tools > More > Bit Error Detection**. Visibility is based on system capabilities.

All	🗌 Auto Refresh	1 🗘 Min Manus	dly									lear
Sending card1	Error Rate Info	Signal-to-Noise Ratio										
	Status	Sending card	Ethernet Port	Receiving Card	PHT1-CH1	PHY1-CH2	PHT1-CH3	PHT1-CH4	PHT2-CH1	PHT2-CH2	рит2-сиз	PHT2-CH
	$\otimes$	COM99-Sending ourd1	Porti	Receiving card1	1	1	1	1	1	1	1	1
	$\odot$	COM99-Sending card1	Portl	Receiving card2	/	1	/	1	1	/	1	1
	$\odot$	COM99-Sending card1	Port1	Receiving card3	1	1	1	1	1	1	1	1
	$\odot$	COM99-Sending card1	Port1	Receiving card4	1	1	1	1	1	1	1	1
	$\odot$	COM99-Sending card1	Port1	Receiving card5	1	1	1	1	1	1	1	1
	$\odot$	COM99-Sending card1	Portl	Receiving card6	/	/	1	1	1	1	1	1
	$\odot$	COM99-Sending card1	Port1	Receiving card7	1	1	1	1	1	1	1	1
	$\odot$	COM99-Sending card1	Port1	Receiving card8	1	1	1	1	1	1	1	1

• Offers both manual and automatic refreshing options, with the values shown within the software after refreshing.

## 4.5 Brightness

## 4.5.1 Brightness Overdrive

### Reason for Change

- Increases peak screen brightness to accommodate a wider range of user scenarios.
- Supported by receiving card A10s Pro V1.3.0.0 and later.

## Function

• Accessed via the main interface under **Brightness**. An NCP file is required for this feature.



- When enabled, the brightness slider automatically sets to 100%, and the overdrive brightness slider becomes adjustable.
- The screen may sacrifice some uniformity in exchange for maximum brightness enhancement.
- Adjusting the brightness slider will automatically disable the brightness overdrive feature.

## 4.5.2 Gamma Optimization

Reason for Change

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• Enhances the low-grayscale display performance of the Shixin chip.

#### Function



• Implements the latest gamma algorithm to support Shixin chip features, improving lowgrayscale display quality.

### 4.5.3 Custom Gamma

#### Reason for Change

• Allows for the reading and displaying of the gamma table.

#### Function

• The custom gamma interface now includes a button to read back the gamma table.

Customize Gamma	Adjustment				×
Gamma Adjus	O White	Red Gamma	🔘 Green Gan	nma 🔾 B	ue
Gamma Curve Ch	art		Gamma table	can be fine-adjus	ted by editing the v
Commo		. 20	X	Y	^ Move Lip
Gamma	<	> 2.9	▶ 0	0	
Low Crowson		. 22.28	1	16	Move Do
LOW Gravsca	¢	> 33.370	2	32	Save
			3	48	
		Λ	4	64	Load
		/	5	80	
		/	6	96	
			7	112	
			8	128	
			9	144	
			10	160	
			11	176	
			12	192	
	/		13	208	
			14	224	
			45	040	
Readback			3	Send	Cancel

## 4.6 Demonstration Mode

## 4.6.1 Device Selection Support

#### Reason for Change

• Allows for screen configuration in offline mode, enabling users to import pre-made configuration files during on-site implementation.



• Users can select different device types for screen configuration, with the H series as the default.

### Function

• Access via Login > Demonstration Mode > View Details of Device > Change Device Type.

System (S) Settings (C) Tools (T	) Plug-in (P) I	Jser (U) Lang	uage (L) Help (H)				
Cloud Monitoring Screen Configural ocal System Information	ion Brightness	Calibration S	creen Control Monitoring Multi-	function Card			
Control System 1 onitor Information	Other Device	0	View Details of Device Total Number of Devices 1			×	
		<b>19</b>	Communication Port Devic	e Type Number of Devices	SN	Operation	
ervice Status: Service version:test		•	COM99 H	Series 5	99123100009	<u>Change Device</u>	MCTRL300 MCTRL600/660 MCTRL660 PRO MCTRLR5 VX1000
						0	MCTRL4K MCTRL2000 KT16E H Series

- Supported device types include: MCTRL300, MCTRL660, MCTRL660 Pro, MCTRL R5, VX1000, MCTRL4K, MCTRL2000, KT16E, H series, V40, and K16.
- Once a device is selected, the software will remember the choice upon restart.
- The number of Ethernet ports in the configuration interface will be displayed according to the capabilities of the selected device.

## **5** Improvements

## 5.1 Program Update

Changes	Before	After
Function Access	Access was only possible through the secret code 666888.	Now accessible via both an interface icon and the secret code.
Multi-select Communication Ports	Only one communication port could be selected for updates. With multiple IPs, each had to be selected separately.	Supports selecting multiple ports for updates simultaneously.

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		Multi-select COM Ports       X         Enable       After enabling, please select a communication device from L.         Select       COM Port       Device         USB@Port_#0002.Hub_#0001       MCTRL2000       1         USB@Port_#0002.Hub_#0001       MCTRL2000       1         Select All       Cancel
Load from PC	After loading a program, the interface closure did not retain the last loaded.	Saves the state of the loaded program before closing.
Receiving Card Program Readback	Readback files from the receiving card were saved in a folder.	Now saves the readback as a zip file.

## 5.2 Calibration

Changes	Before	After
Coefficient Adjustment	Brightness and full-grayscale coefficient adjustments were slow when entering the interface and dragging the sliders.	Improved speed for both entering the adjustment interface and moving the sliders.
Module Flash	SPI speed settings were labeled 1, 2, 3, 4, which were unclear in meaning.	Now displays speed and corresponding values for clarity.
	The software showed flash verification results but couldn't pinpoint the faulty module quickly.	Added a Display Flash Verification Results feature that, when enabled, shows malfunctioning modules in bright white.
Seam Correction	There were no prompts, making it unclear whether adjustments referred to rows, columns, or resolution.	Displays prompts indicating that adjustments pertain to module resolution.

## 5.3 Brightness

Changes	Before	After
Brightness Adjustment Speed	Brightness adjustments had a slow response time.	Improved the speed of brightness adjustments for quicker responsiveness.

## 5.4 Screen Configuration - Receiving Card

Changes	Before	After
Data Group Exchange	Requires software and a connected device source to display data groups on the screen.	Allows data group display to be completed through the receiving card alone.
Irregular Cabinet Configuration - Data Group Display		When configuring irregular cabinets, a new data group display feature has been added. Once enabled, selecting a data group will highlight the corresponding section on the screen, aiding in proper data group input.
Irregular Cabinet Configuration - Zoom Function	The minimum zoom level was 1:2.	Modified the minimum zoom ratio to allow scaling down to 1:1 pixel on a computer, with an added one-click option to minimize.



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	Introduced new calibration threshold settings
More Settings - Calibration Threshold	Calibration Threshold Settings     X       Calibration Threshold Settings     X       Calibration Threshold     0       Orayse B     0       Calibration Cefficients     0       Transition Range     0       Transition Ran
IO Extension Functionality	Added IO extension functionality, which can be displayed through configuration as an extra feature. Additional Function Isolated Pixel Afterglow Eliminate Indicator Light of Rec Close Shorten the synchroni Enable Brightness becomes Enable EMC Function: Enable Auto Upload Module C Ena Calibrati Enable R: O C C Coef 1000 C G: O C G Coef 1000 C B: O C C C C B: O C C C C B: O C C C C C C C C C C C C C C C C C C C

## 5.5 Discover Device

Changes	Before	After
Device Discover Speed	With 91 units of MCTRL4K connected via Ethernet ports, discovery took 1 minute and 51 seconds.	After enabling the option, discovery time is reduced to 14 seconds.





💀 Detect Config X
Auto Detect Config
Detect Interval Config
Detect interval: 30 ÷ S Disable cascade communication OK Cancel Note: This feature is disabled for the H series and MCTRI 700 Pro

# 6 Bug Fixes

ltem	Description	Note
Configure Screen	Fixed occasional screen configuration data loss.	
Demonstration Mode	Fixed the issue that there is no screen configuration data upon first entering demo mode.	
	Fixed issues with exporting RCFGX files when modifying registers in demo mode.	
Monitoring	Fixed the issue of irregular cabinet topology data being abnormal when uploaded to the cloud.	
Program Update	Fixed the error when loading program packages while the software is in English settings.	
Calibration	Fixed abnormal upload of calibration coefficients when mixing daughter cards in H-series devices.	
Installation	Fixed occasional installation error messages.	

# 7 Important Notes

- If you notice brightness differences on the screen when loading configuration files for the ICND2165, ICND1069, and ICND2055S chips, you can manually adjust the current gain to fix it.
- For the DP3264, DP3265, DP3269, DP3265I, DP3356, DP3368, SM16389, and SM16389SF chips, if you experience a gamma overexposure issue when loading configuration files, you can resolve it by selecting the Active Low Gamma Mode option in the extended properties menu.

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