

NovaLCT-Mars Upgrading Instructions

1. Version Route

V4.4.1 ← V4.4.0 ← V4.2.6 ← V4.2.5 ← V4.2.4 ← V4.2.2 ← V4.2.1 ← V4.2.0 ← historical versions

2. Major Contents of Version for Upgrading and Modification (Compared with Last Version)

V4. 4. 1

Version & release date:	Mar. 18th, 2016	
Contents updated:	Upgrading of function	<ol style="list-style-type: none"> 1. Smart brightness adjustment: support the redundancy mode of light sensor adjustment — in need of upgrading the hardware and the software package of multi-function card 2. Support custom configuration of monitoring card 3. Advanced color configuration ->Factory setting: support the restoration of default values of current gain 4. Function name: change “My NovaiCare” to “Cloud Monitoring” 5. Support MCU upgrading of receiving card 6. Support new device: VX5 7. Support the batch to be renamed in Multi-batch Adjustment 8. Support the operation of monitoring control under redundancy 9. Smart brightness adjustment : support to send information by screen(serial port)-needs to update hardware firmware; 10. Support brightness broadcast function by hardware-needs to update hardware firmware 11. Support to read and adjust brightness in backup mode by smart brightness of hardware -needs to update hardware firmware 12. More chips supported ICN2038\SM16027\SM16159\TLS3001\GW6205\SUM2017T\SUM2033\SUM2130\SUM2131\MY9231\GW6202B Algorithm revised:MBI5152\MBI5153\SM6158 13. In daisy chain connection, the user can select which device's EDID to be upgraded
	Bug Fixing	<ol style="list-style-type: none"> 1. Fix the abnormal display of monitoring strategy of combined screens 2. Fix the bug that some screens are still executing the strategy after the deletion of combined screens 3. Fix the abnormal display after loading the system configuration files 4. Fix the ceaseless registration when no displays are in monitoring state

		<ol style="list-style-type: none"> 5. Fix the nonsupport of smart brightness adjustment when not all receiving cards of display are effective in gradient mode 6. In monitoring, fix the issue of display and strategy execution when work in the combined screen
Writer:	Li Jin	

V4. 4. 0

Version & release date:	Nov. 16 th , 2015	
Contents updated:	Upgrading of function	<ol style="list-style-type: none"> 1. Optimize manual brightness and automatic brightness function; 2. In case a screen is disconnected from the software, the hardware will automatically adjust the brightness in accordance with automatic brightness table; 3. New advanced color configuration function; 4. Support video device configuration offset and enable synchronization in screen configuration; 5. Support real time surveillance on display combination; 6. The bright and dark lines support module adjustment; 7. New video control function; 8. Surveillance malfunction notification frequency support configuration; 9. Calibration supports maximization; 10. The receiving card supports multi-card cascade connection program update; 11. Comprehensive function test of three types of receiving card chips; 12. Multi-function card supports external 3D emitter settings; 13. Add supported equipment:VP200,VX2,VX4,VX4S,V700,Nova3D HD; 14. Optimization of Multi-Batch Adjustment.
	Bug Fixing	<ol style="list-style-type: none"> 1. Repair dark and bright lines adjustment disorder under Demo mode ; 2. Repair multifunction card upgrade authority problem; 3. Repair Gamma recovery failure of some screens when switching screens during multi-screen calibration;
Writer:	Li Jin	

V4. 2. 6

Version &	June 26 th , 2015
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release date:		
Contents updated:	Upgrading of function	<ol style="list-style-type: none"> 1. Added the upgrade package that supports V900; 2. Added the resolutions 3840*1080 and 2560*1600 for the Nova3D HD device; 3. Added the upgrade package that supports Nova3D HD;
	Bug Fixing	<ol style="list-style-type: none"> 1. Rectified the quantity display issue in Device Details on the main interface; 2. Rectified the reaction failure between the LCT and brightness tool in the Russian system and French system; 3. Rectified the Pro or V900 crash resulting from clicking after it is configured with redundancy; 4. Rectified the failure of the loading system if the configuration file does not match the information of the current sending card; 5. Rectified the brightness adjustment failure if the brightness tool, configured with redundancy between the cascading sending cards, is powered off;
Writer:	Li Jin	

V4.2.5

Version & release date:	V4.2.5 April 26th, 2015	
Contents updated:	Upgrading of function	<ol style="list-style-type: none"> 1. Support the following driver chips: MBI5252, 5041B, 5041Q, 5045, 5043, 5038, 5124, A043 as well as MY9862, 9269, and 9366; 2. Support NovaPro device to be named and displayed on LCD display; 3. Add 3D function setting; 4. Support advanced users to change login password; 5. Support cabinet configuration file to be imported to a specified sending card; 6. Support hardware automatic adjustment of brightness; 7. Support Dark or Bright Lines recovery for cabinet; 8. Support NovaPro cascading through USB; 9. Support offline LCT demo; 10. Add screen gradual lighting function; 11. Support screen calibration to be saved cabinet by cabinet and consecutive saving; 12. Support multiple batches to be renamed and batch configuration file to be imported/exported; 13. Support data group switch to be searched in a smart way;
	Bug Fixing	<ol style="list-style-type: none"> 1. Resolve the fault caused by Windows 8 permission issue; 2. Resolve black screen issue that occurs if ambient brightness exceeds 60000Lum;

		<ol style="list-style-type: none"> 3. Resolve the reading fault that occurs if more than 10 pieces of redundancy information are added; 4. Cancel the limitation on width and height modification made to sending card EDID; 5. Resolve name incompleteness issue that occurs in expansion mode; 6. Resolve OE high level effectiveness setting issue that occurs in general chips; 7. Resolve the Delete button clicking failure issue; 8. Resolve the software restart failure that occurs after the first step is completed if the sending card is closed; 9. Resolve the Configuration button clicking failure issue that occurs if no information is available on the screen; 10. Resolve the issue that 10 sending cards are shown on the screen but only one sending card is connected actually; 11. Resolve the error that occurs during Flash inspection if a vacancy is reserved;
Writer:	Li Jin	

V4.2.4

Version & release date:	V4.2.4 February 03th, 2015	
Contents updated:	Upgrading of function	<ol style="list-style-type: none"> 1. Support bright and dark line adjustment appeared after the screen combined with cabinets, which can quickly adjust bright and dark lines between cabinets; 2. Support upload the results of the bright and dark line adjustment, which can directly apply to the adjusted results;
	Bug Fixing	<ol style="list-style-type: none"> 1. Added function selection of bright and dark lines Screen Gamma is set to 1, after closing restoration; 2. Resolve the error that occurs during Flash inspection if a vacancy is reserved; 3. Fixed Upload bright and dark lines correction coefficient does not support expansion mode;
Writer:	Li Jin	

V4.2.2

Version & release date:	V4.2.2 August 26th, 2014	
Contents updated:	Modification and	<ol style="list-style-type: none"> 1. Helping the document save advertising pages in the presence of network; 2. Synchronization of color temperature supporting value and hardware; 3. Problem solving that the positioning is inaccurate through a sending card program package.

	perfection	
Writer:	Li Jin	

V4.2.1

Version & release date:	V4.2.1 August 15th, 2014	
Contents updated:	Modification and perfection	<ol style="list-style-type: none"> 1. Multi-batch adjustment: multi-batch uploading coefficients are normal; deletion of multi-batch normal use; the color is kept in accordance with the selected color when adjusting the brightness; and other known Bug renovation; 2. Testing tools: the Cancel button is clicked and errors are reported at first use of positioning background image; normally switch over pages; 3. Place changing for storage of main program (to solve limits of authority); 4. High-byte low-bit BUG of RefNumPerVs of receiving card new parameter; 5. Help document has advertising pages in the presence of network; 6. Calibration function to obtain receiving card documents is in accordance with the method for saving documents of the receiving card in display configuration; 7. Configuration after successful reading of the receiving card is acquired through copy approach, to solve new display upon next opening; 8. Upgrading of hardware sending card program package.
Writer:	Li Jin	

V4.2.0

Version & release date:	V4.2.0 June 13th, 2014	
Contents updated:	Upgrading of function	<ol style="list-style-type: none"> 1. Multi-batch calibration and adjustment of public color gamut; 2. Flash configuration function of lamp plate; 3. Color temperature simple-adjustment pull rod increased; 4. Programmed control brightness, wherein an automatic brightness adjustment interface increases current brightness value; 5. User-defined Gamma table saved in receiving card configuration document; 6. Positioning function of testing tool: background color refillable pictures increased; 7. Functions of import and export of all configuration documents in NovaLCT increased; 8. Newly increased setting of coordinates for starting of main program;

		<ul style="list-style-type: none"> 9. Calibration coefficient reset according to size of the lamp plate or pixel points; 10. Inspection of Flash checker newly increased; 11. Reading and writing of special shaped cabinet configuration software newly increased; 12. Reading and writing of cabinet ID newly increased; 13. Newly increased supporting to 9868, 2028 chips; 14. Online calibration to support verification of Flash calibration coefficient of the lamp plate; 15. Setting of display screen, wherein the on-load amount of the internet access exceeds the hint (size: 1G, effective rate: 95%); 16. Gradual brightness adjustment through a brightness tool (timed and automatic brightness adjustment); 17. Initialized setting of current gains; 18. Installation package supports starting of registration of Windows8 brightness tool upon starting up;
	Modification and perfection	<ul style="list-style-type: none"> 1. Partial register open of 5045, 5042B and 5124 chips supported; 2. Selection according to pixel domain, which improves the condition that a red box hint is increased when exceeding the domain; 3. Application of returning domain increased at the selected area; 4. Flash operation and viewing of the lamp plate, with saving function automatically opening chroma calibration; 5. Optimization of function use of testing tool; 6. E-mail configuration support: SSL safe mode; 7. Setting of register initial value of 16136 chip;
	Bug Fixing	<ul style="list-style-type: none"> 1. Bug renovation of color rendition, and drawing of user-defined Gamma curve; 2. Problem of Chinese displayed in main interface; 3. Modification of error appeared in reading DVI refresh rate of a second card during monitoring; 4. Modification of Nova.Windows.Forms.CustomMessageBox.dll; and modification of incomplete language display.
Writer:	Li Jin	

3. Compatibility Instructions

Incompatible with customized Version