

## SmartLCT Update Notes

SmartLCT is a software platform allowing screen configuration, redundancy configuration, settings and adjustments of the parameters of sending cards and video processing devices.

| Version | Release Date | Changes(New Features)  | Supported Hardware Device Models  | Compatibility |
|---------|--------------|--|---|---------------|
| V3.1    | May 20, 2017 | <b>1. New features:</b><br>1) Redundancy has become visualized.<br>2) Capable of rotating a single cabinet around any center.<br>3) A rotating bar has been added to make cabinet rotation easier.<br>4) Cabinet alignment has been added.<br>5) Capable of snapping to the left and top edges of cabinets.<br>6) Capable of quickly adding a certain number of rows and columns of cabinets.<br>7) More cabinet information and more information about the exported diagrams have been added.<br>8) V-Sender supports playing and controlling via USB drives.<br>9) More hardware devices are supported.<br>10)An infringement statement has been added.<br>11)OSX supports MCTRL300,MCTRL660/600 and V700;<br>12)Supports six languages: Chinese, English, French, | SmartLCT supports:<br>3D HD<br>K2U<br>K4<br>K4S<br>K4U<br>MCTRL4K<br>MCTRL300<br>MCTRL500<br>MCTRL660<br>NovaPro HD<br>V700<br>V800<br>V900<br>VX2<br>VX2U<br>VX4<br>VX4S<br>VX4U<br>MCTRL R5<br>V-Sender supports:<br>3D HD<br>K2U<br>K4<br>K4S<br>K4U<br>MCTRL4K<br>MCTRL300<br>MCTRL500<br>MCTRL660<br>NovaPro HD<br>V700<br>V900<br>VX2<br>VX2U | Compatible    |

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|--------|--------------|--|------------------------------------|--|
|        |              | <p>Russian, Spanish, German;</p> <p><b>2. Improvements:</b></p> <ol style="list-style-type: none"> <li>1) An improvement in rotating cabinets.</li> <li>2) An improvement in sending the data of seam brightness adjustment.</li> <li>3) An improvement in grouping cabinets.</li> <li>4) An improvement in the UI display and user operation of V-Sender.</li> <li>5) An improvement in the algorism of automatic generation of the connections among cabinets.</li> </ol> <p><b>3. Changes:</b></p> <ol style="list-style-type: none"> <li>1) Solved the problem that devices get lost and become abnormal when loading project files.</li> <li>2) Solved the problem that LED displays get blurred when being rotated.</li> </ol> | <p>VX4</p> <p>VX4S</p> <p>VX4U</p> |  |
| V3.1.2 | Aug 09, 2017 | <p><b>1. New features:</b></p> <ol style="list-style-type: none"> <li>1) OSX supports MCTRL300,MCTRL660/600 and V700;</li> <li>2) Supports six languages: Chinese, English, French, Russian, Spanish, German;</li> </ol> <p><b>2. Improvements:</b></p> <ol style="list-style-type: none"> <li>1) Improved the method of calculating the maximum number of cabinets that can be added in batches.</li> <li>2) Improved the real-time sending efficiency of MCTRL R5.</li> <li>3) The SmartLCT for Mac OSX is changed to a .dmg installation file.</li> </ol> <p><b>3. Changes:</b></p>   |                                    |  |

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|--------|--------------|---|---------------|--|
|        |              | 1) Fixed the problem that exceptions occur during seam brightness adjustment.<br>2) Fixed the problem that some devices cannot be upgraded with V-Sender.   |               |  |
| V3.1.2 | Aug 25, 2017 | <b>1. New features:</b><br><b>2. Improvements:</b><br><b>3. Changes:</b><br>1) Fixed the problem that cabinet files in rcfgx format cannot be loaded when the display language is English.  |               |  |
| V3.2.0 | Jan 8, 2018  | <b>1. New features:</b><br>1) Capable of reading back and sending firmware programs of the Ax series receiving cards<br>2) Capable of reading back and sending the receiving card configuration file (*.rcfgx)<br>3) The mapping function is enabled when cabinets are connected.<br>4) The Ax series receiving cards allow to read back and display cabinet information.<br>5) Capable of reading back module ID<br>6) The receiving card configuration file is sent automatically when an offline project is sent to match the device.<br>7) Supports ThunderviewS1.<br>8) Supports the monitoring function.<br><b>2. Improvements:</b><br>1) Improved the main user interface style. | ThunderviewS1 |  |

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|        |             | <p>2) Improved offset and rotation settings.</p> <p>3) Improved the seam brightness adjustment method. The keyboard can be used to adjust seam brightness.</p> <p>4) Improved the main user interface style of V-Sender.</p> <p><b>3. Changes:</b></p> <p>1) Fixed the problem that the logo is not shown in the exported file.</p> <p>2) Fixed the problem that the screen blinks when SamrtLCT works with the MCTRL R5 to rotate from 0° to 1° and from 1° to 0°.</p> |                            |  |
| V3.2.1 | Feb 8, 2018 | <p><b>1. New features:</b></p> <p>1) Advanced hot backup configuration has become visualized.</p> <p>2) Supports prestoring an image in the receiving card.</p> <p>3) Supports enabling and disabling calibration for a single cabinet and the whole screen.</p> <p><b>2. Improvements:</b></p> <p>1) Added the view mode information in the remarks for the exported diagram.</p> <p><b>3. Changes:</b></p>  | MCTRL660 Pro<br>MCTRL 1600 |  |
| V3.4.0 | Aug7, 2018  | <p><b>1. New features:</b></p> <p>1) Batch adjustment function is added.</p> <p>2) Color temperature and color gamut adjustment is added.</p> <p>3) V-Sender supports the MCTRL R5 and MCTRL660 PRO.</p>  |                            |  |

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|  |  | <p>4) V-Sender supports showing the optical ports.</p> <p><b>2. Improvements:</b></p> <p>1) Improved cabinet connection.</p> <p>2) The color of the exported image of screen configuration information can be customized.</p> <p>3) Improved the calibration switch.</p> <p>4) Improved canvas settings.</p> <p>5) Improved brightness adjustment.</p> <p>6) The advanced mode of hot backup function is visualized.</p> <p><b>3. Changes:</b></p> <p>1) Changed the supported UI languages to only Chinese and English.</p> <p>2) Deleted the Beacon function.</p> <p>3) Removed the support for the MCTRL1600 device supported in V3.2.1.</p> |  |  |
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