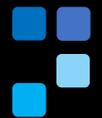




2020诺瓦科技线上公开课

SmartLCT-操作详解

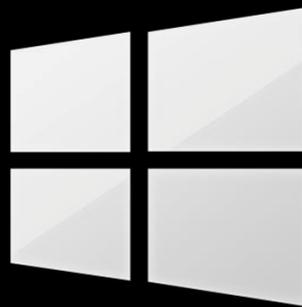


 双系统支持

Mac



Windows



系统要求

OSX 10.10及以上

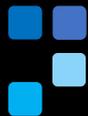
Window7及以上



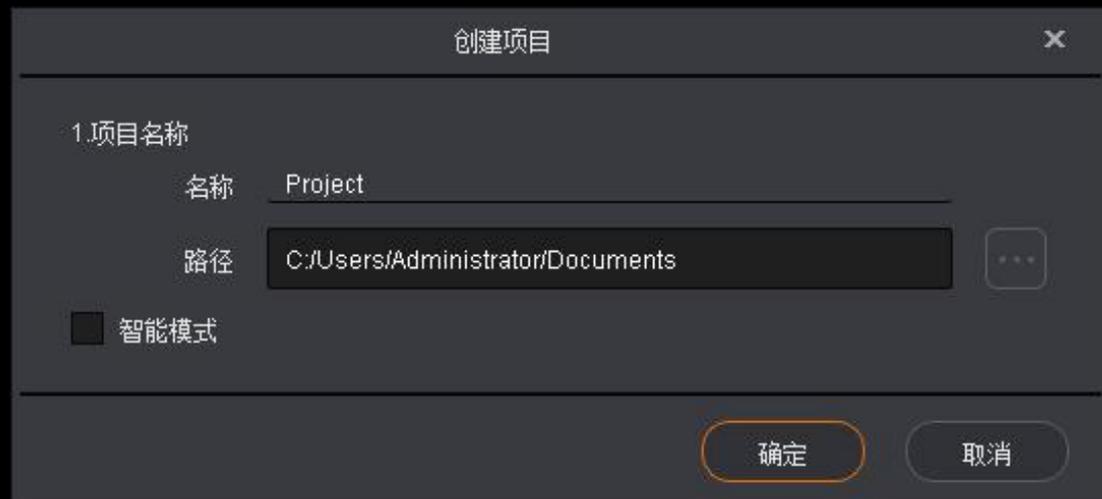
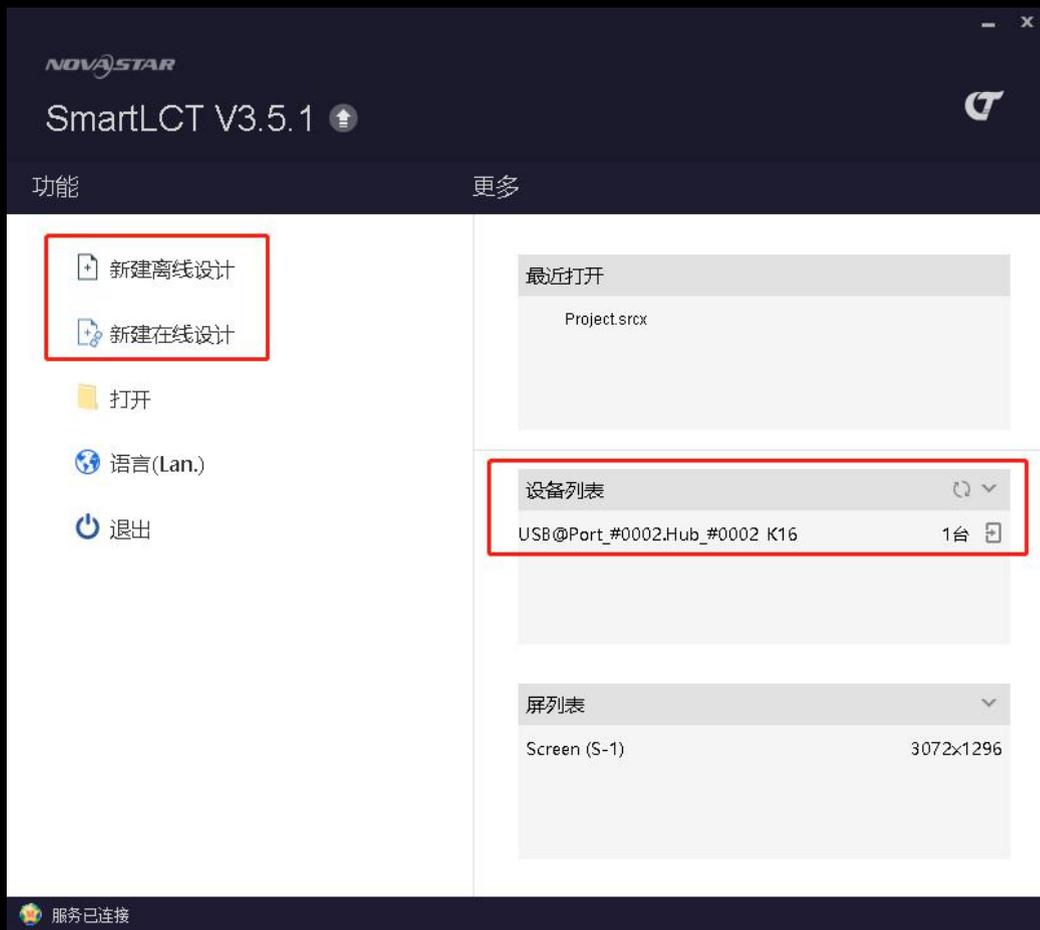
MAC



WINDOWS

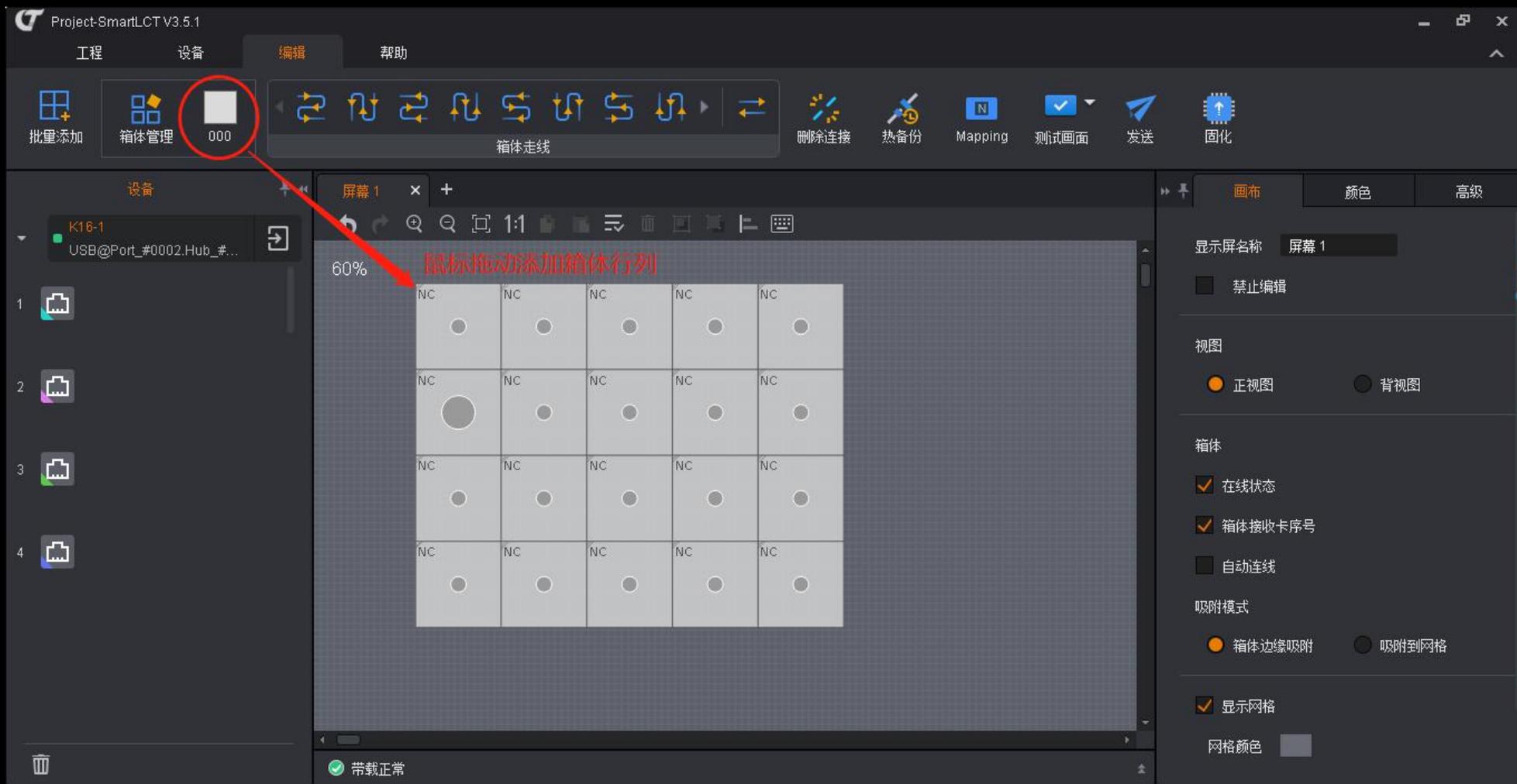


在线设计



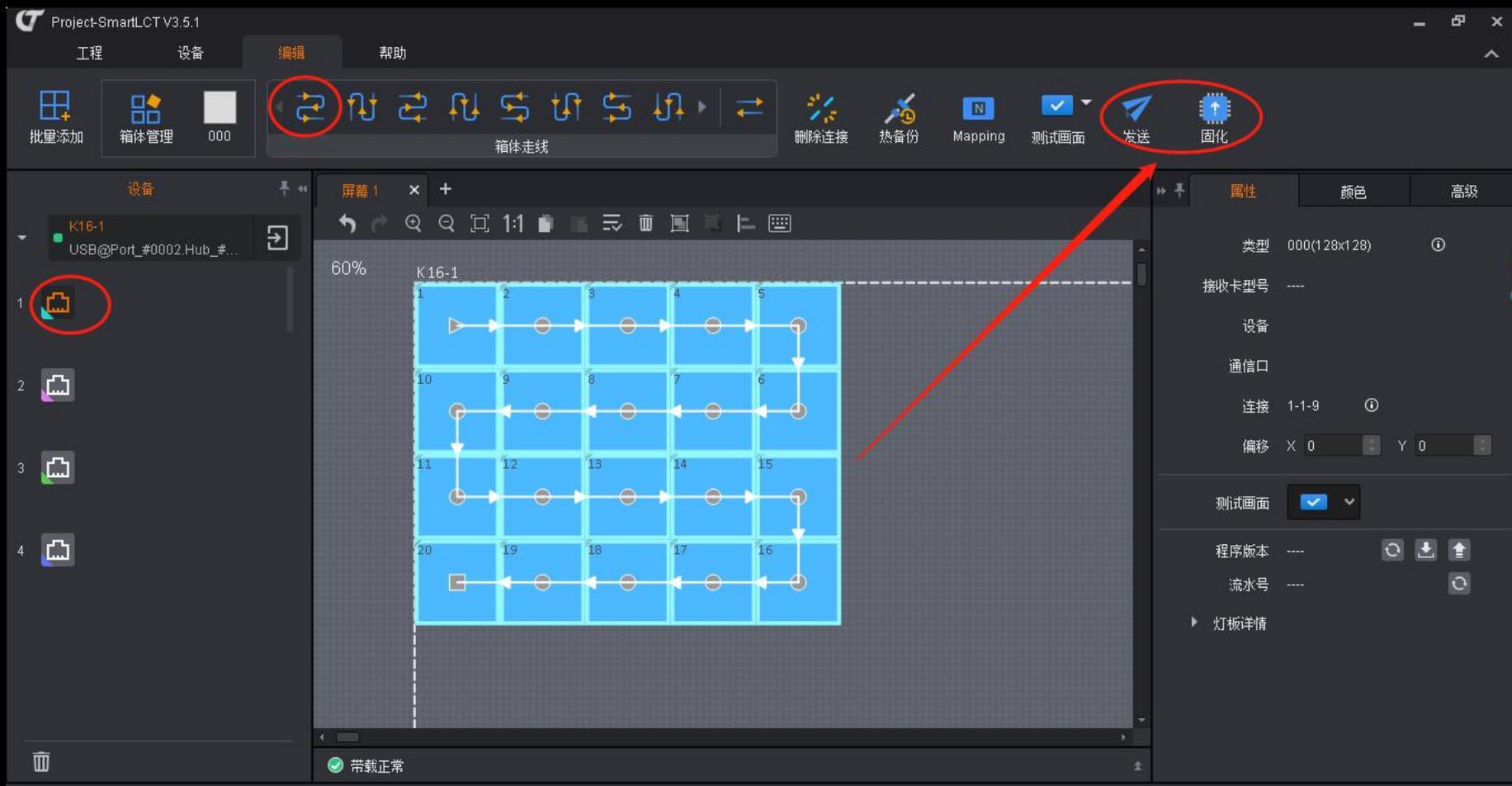
第一步：打开软件-连接设备-选择在线设计-创建工程文件

常规屏配屏： 添加箱体行列

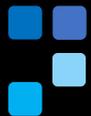


第二步：选择加载文件（箱体管理区或网口回读上来的）- 鼠标拖动到编辑区添加箱体行列

常规屏配屏： 设置走线、发送，固化

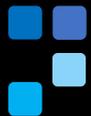


第三步：选择网口-框选带载区域-设置走线-发送-固化



常规屏配屏操作演示：添加行列

The screenshot displays the Project-SmartLCT software interface. The main window is titled "屏幕 1" and shows a large grid representing a screen layout. The grid is currently set to 80% zoom. On the left side, there is a "设备" (Devices) panel with a tree view showing "MCTRL1600-1" and "USB@Port_#0001.Hub_#...". Below this, there are "输入模式设置" (Input Mode Settings) for DVI1 and DVI2. The DVI1 mode is set to "D-LINK" and the resolution is 1920*1080. On the right side, there is a "属性" (Properties) panel with tabs for "属性", "颜色", and "高级". The "属性" tab is active, showing settings for "输入源" (Input Source) set to DVI, "DVI模式" (DVI Mode) set to D-LINK, "输入源位数" (Input Source Bits) set to 8, "分辨率" (Resolution) set to 1920*1080, and "刷新率" (Refresh Rate) set to 60. There is an "应用" (Apply) button at the bottom of the properties panel. At the bottom left of the interface, there is a status bar that says "读取EDID-成功!" (EDID read successfully!).



常规屏配屏操作演示：设置走线

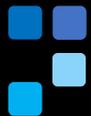
The screenshot displays the Project-SmartLCT software interface. The main workspace shows a 4x4 grid of components, each labeled 'NC' and containing a small circle. The interface includes a top toolbar with various icons for editing and simulation, a left sidebar for device configuration, and a right sidebar for view and grid settings.

Top Toolbar: 删除连接, 热备份, Mapping, 测试画面, 发送, 固化

Left Sidebar: 设备, MCTRL1000-1, USB@Port_#0001.Hub_#..., 输入模式设置, DVI1, DVI2, 1, 2, 3, 4

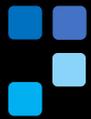
Right Sidebar: 视图 (正视图, 背视图), 箱体 (在线状态, 箱体接收卡序号, 自动连线), 吸附模式 (箱体边缘吸附, 吸附到网格), 显示网格 (网格颜色, 网格宽 10, 网格高 10), 显示屏名称 (屏幕 1), 禁止编辑

Bottom Status Bar: 带载正常



常规屏配屏操作演示：发送、固化

The screenshot displays the Project-SmartLCT software interface. The top menu bar includes '工程', '设备', '编辑', and '帮助'. The toolbar contains icons for '批量添加', '添加箱体', 'nova', 'novastar', '箱体布线', '删除连接', '热备份', 'Mapping', '测试画面', '发送', and '固化'. The left sidebar shows the '设备' (Equipment) list with 'MCTRL1600-1' selected, and '输入模式设置' (Input Mode Settings) for 'DVI1' and 'DVI2'. The main workspace shows a grid of 16 cells (4x4) with connection lines. The right sidebar contains settings for '视图' (View), '箱体' (Cabinet), '吸附模式' (Attachment Mode), and '显示网格' (Show Grid). The status bar at the bottom indicates '带载正常' (Load Normal).



智能备份设置

Project-SmartLCT V3.5.1

工程 编辑 帮助

批量添加 箱体管理 000

箱体走线 删除连接 热备份 发送

热备份

设备

K16-1 A6

K16-2 A6

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

5 6 7 8 9 10 11 12 13 14 15

13 14 15

设备

K16-1 A6

K16-2 A6

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

备注: 主网口掉线 备份网口启用 主备份设备 从备份设备

提示: 同一个端口的设备才能进行设备间备份

验证 保存 取消

颜色

背视图

吸附到网格



智能备份设置

热备份

设备

K16-1
A6

A6-K16-1

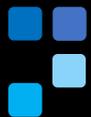
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1-9	1-10	1-11	1-12	1-13	1-14	1-15	1-16								

备注： 主网口掉线 备份网口启用 主备份设备 从备份设备

验证

提示：同一个端口的设备才能进行设备间备份

保存 取消



智能备份设置

热备份

设备

- K4S-1
USB@Port_#0001.Hub_#0002
- K4S-2
USB@Port_#0001.Hub_#0002

USB@Port_#0001.Hub_#0002-K4S-1 (已配屏)

1	2	3	4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

USB@Port_#0001.Hub_#0002-K4S-2

1	2	3	4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

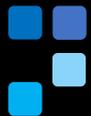
一键互换主备关系

两台设备拖拽叠加即可实现设备间极速备份

备注：
 主网口掉线
 备份网口启用
 主备份设备
 从备份设备

提示：同一个端口的设备才能进行设备间备份

应用 确定 取消

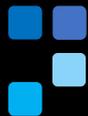


智能备份设置演示

NOVA STAR

方寸之间 体验非凡

The screenshot displays the NovaSmartLCT-SmartLCT software interface. The main workspace shows a PCB layout for a component labeled "MCTRL1600-1-DVI1". The layout is a 4x3 grid of green cells, with a blue arrow pointing to the top-right corner. The grid is numbered 1 through 12. The interface includes a top menu bar with "工程" (Project), "设备" (Device), "编辑" (Edit), and "帮助" (Help). Below the menu bar is a toolbar with icons for "批量添加" (Batch Add), "添加箱体" (Add Cabinet), "novastar", "箱体布线" (Cabinet Routing), "删除连接" (Delete Connection), "热备份" (Hot Backup), "Mapping", "测试画面" (Test Screen), "发送" (Send), and "固化" (Fix). The left sidebar shows a list of devices, including "MCTRL1600-1" and "MCTRL1600-2", with options for "输入模式设置" (Input Mode Settings) and "DVI1" through "DVI4". The right sidebar contains settings for "视图" (View), "箱体" (Cabinet), "吸附模式" (Snap Mode), and "显示网格" (Show Grid). The "箱体" section has checkboxes for "在线状态" (Online Status), "箱体接收卡序号" (Cabinet Receiver Card Serial Number), and "自动连线" (Auto Routing). The "吸附模式" section has radio buttons for "箱体边缘吸附" (Cabinet Edge Snap) and "吸附到网格" (Snap to Grid). The "显示网格" section has a checkbox and input fields for "网格颜色" (Grid Color), "网格宽" (Grid Width), and "网格高" (Grid Height). The bottom status bar shows "带载正常" (Normal Load).



箱体文件批量导入

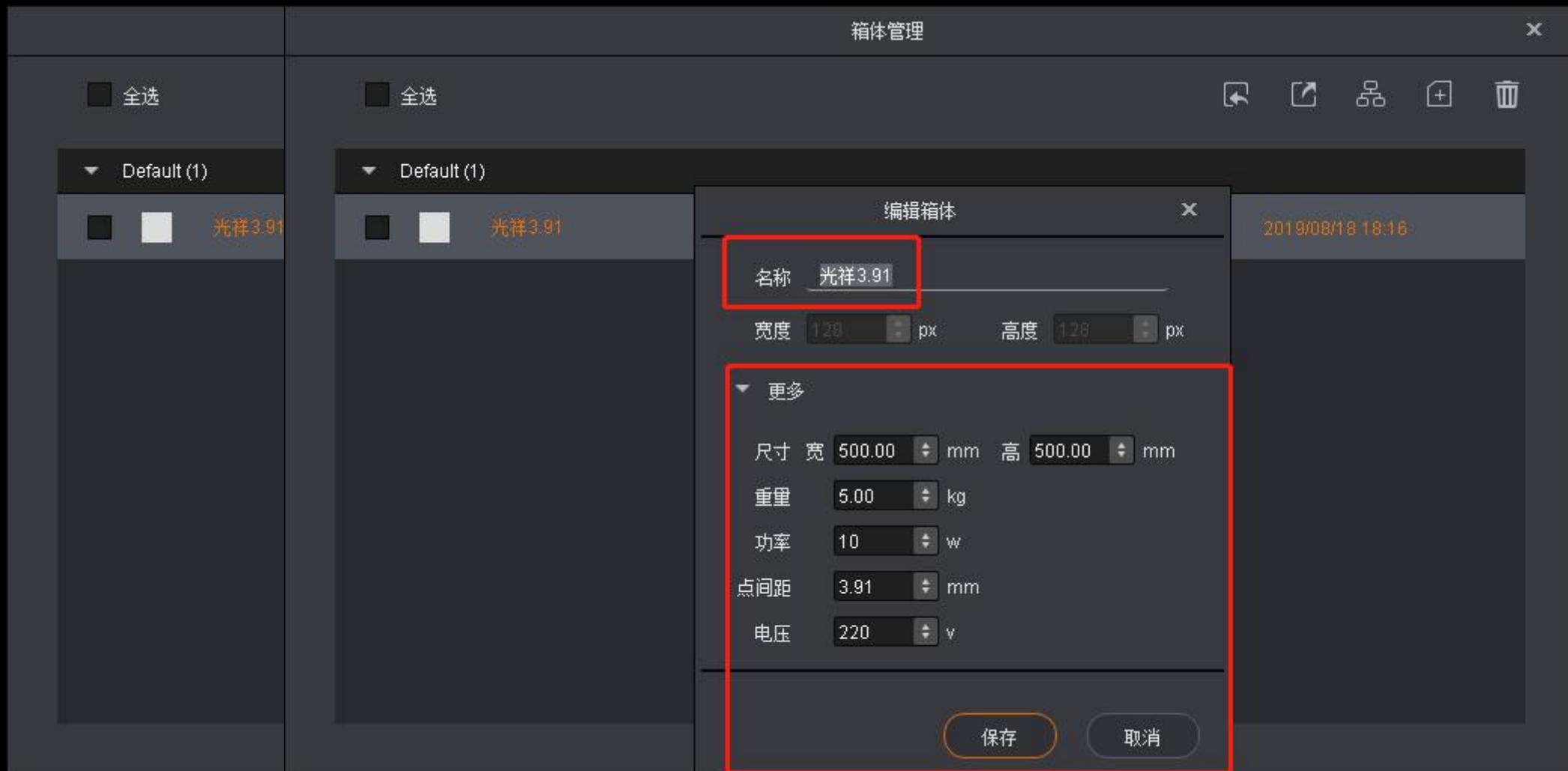
The screenshot displays the Project-SmartLCT V3.5.1 software interface. The main window is titled '箱体管理' (Cabinet Management) and shows a list of cabinets. A red box highlights the 'Import' icon (a square with a curved arrow) in the top toolbar. A file selection dialog titled '打开文件' (Open File) is open, showing a list of files and folders. A red arrow points from the 'Import' icon to the dialog. The dialog shows the following file list:

名称	修改日期	类型
光祥P6彩幕(亚海千龙、亿力飞鸿)	2018/3/5 星期一 ...	文件夹
光祥彩幕P6 (王瑞锋)	2018/3/5 星期一 ...	文件夹
华奥 (威斯泰克) 软帘	2018/3/5 星期一 ...	文件夹
华奥P6.9(澄通制造)加载文件及程序	2018/3/5 星期一 ...	文件夹
华奥光祥P4	2018/3/5 星期一 ...	文件夹
华奥户外p6彩幕 (澄通)	2018/3/5 星期一 ...	文件夹
华奥校正彩幕	2018/3/5 星期一 ...	文件夹
华奥最新加载文件及程序包	2018/3/5 星期一 ...	文件夹
惠佳锐 (兴奥)	2018/3/5 星期一 ...	文件夹
雷凌P3.9 (128X128,MBI5052)	2018/3/5 星期一 ...	文件夹
雷凌P6彩 (胡总)	2018/3/5 星期一 ...	文件夹
雷凌厂家给72x144	2018/3/5 星期一 ...	文件夹

The dialog also shows a search bar with the text '搜索"租赁接收卡配置文件"' and a file type filter set to '箱体文件 (*.rcfgx)'. The '打开(O)' (Open) button is highlighted.

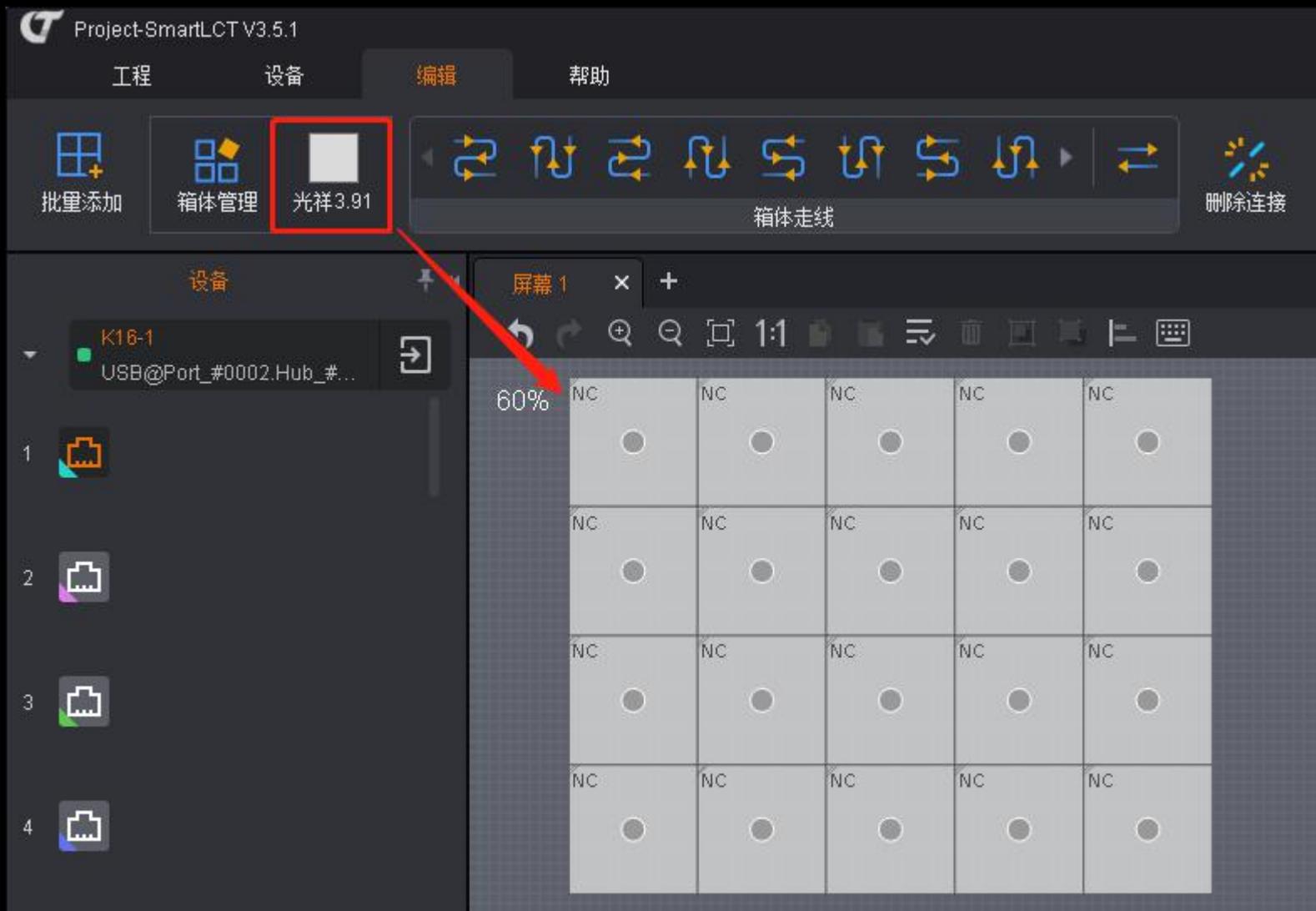


箱体文件信息编辑

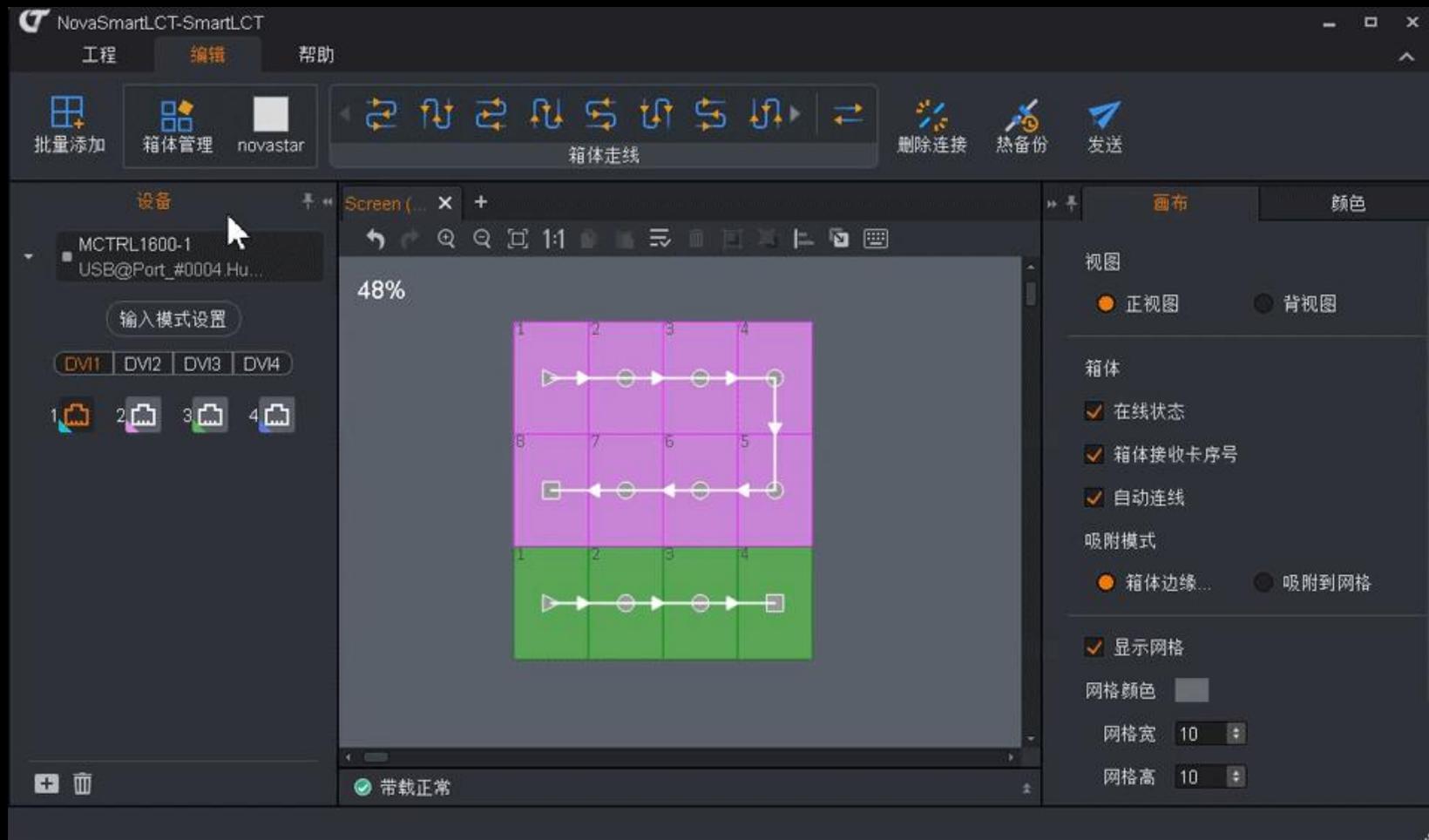




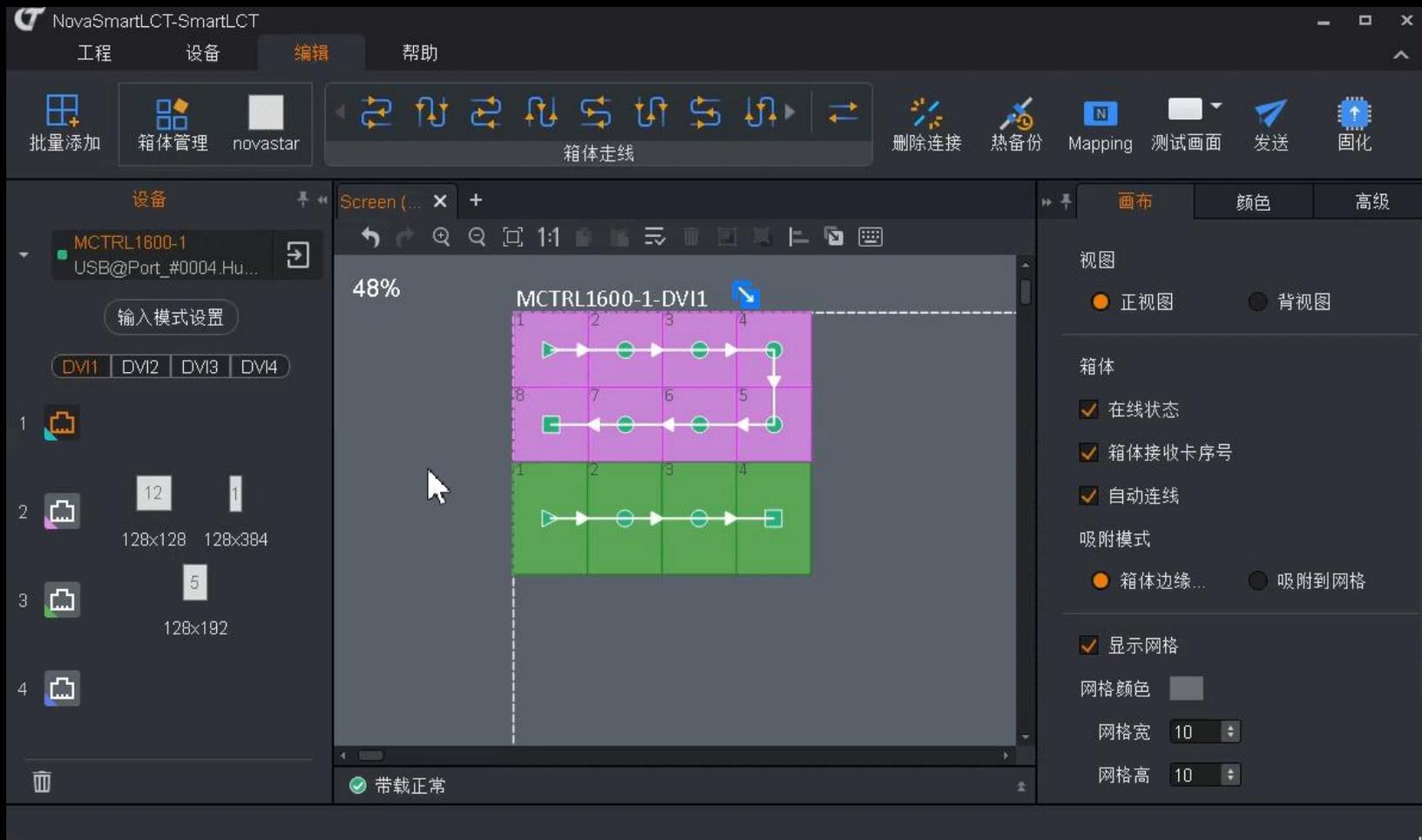
箱体文件添加



箱体文件管理演示



接收卡参数统一更新



接收卡参数回读及更新

The screenshot displays the NovaSmartLCT-SmartLCT software interface. The main window shows a wiring diagram for a device labeled "MCTRL1600-1-DVI1". The diagram is a 4x4 grid with columns numbered 1-4 and rows numbered 1-4. A purple shaded area covers the top two rows (rows 1 and 2), and a green shaded area covers the bottom two rows (rows 3 and 4). White arrows indicate connections between pins. A mouse cursor is positioned over the diagram.

On the left side, there is a "设备" (Device) panel showing a tree view with "MCTRL1600-1" and "USB@Port_#0004.Hu...". Below this is an "输入模式设置" (Input Mode Setting) section with buttons for "DVI1", "DVI2", "DVI3", and "DVI4". A list of device configurations is shown below, including "128x128", "128x384", and "128x192".

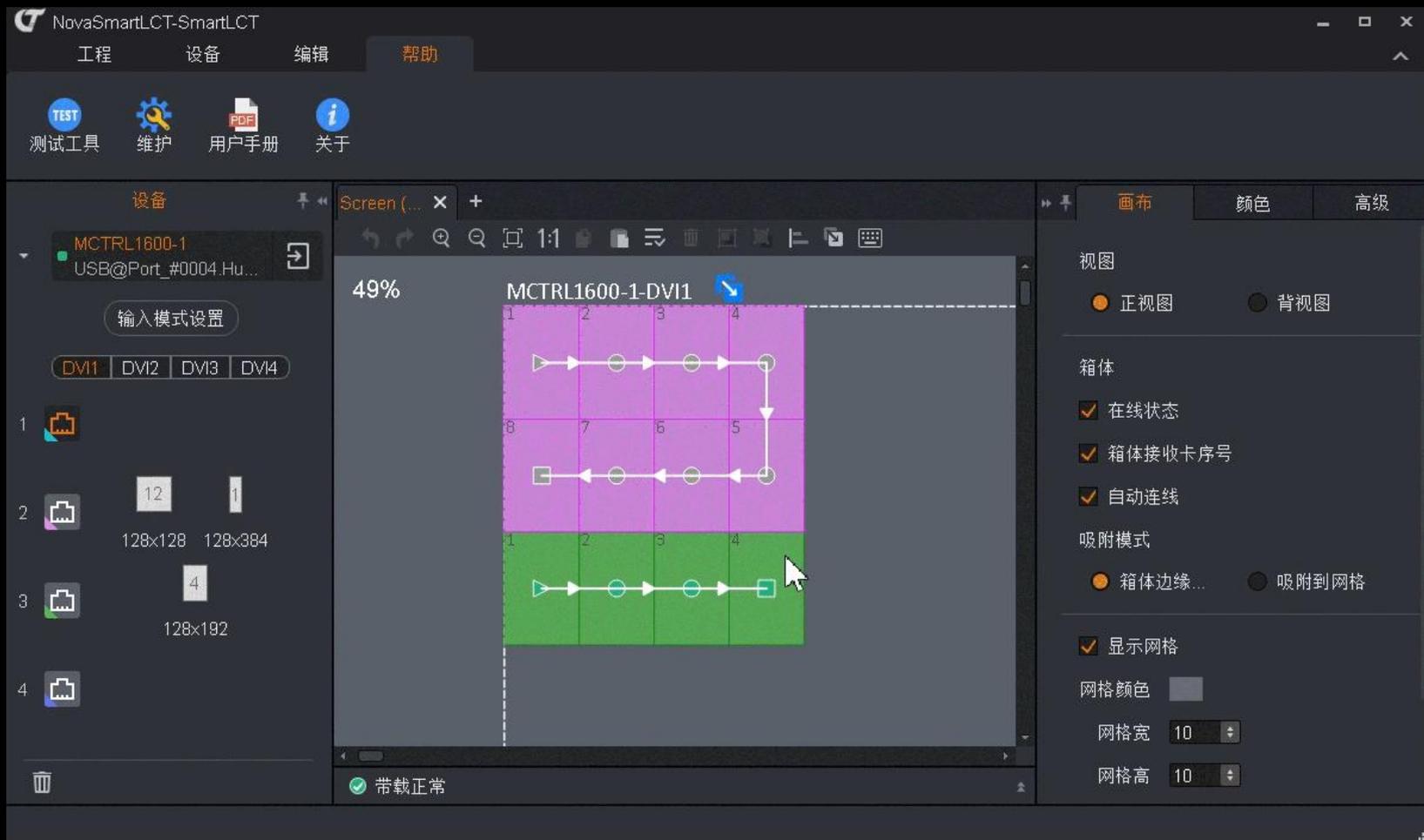
On the right side, there is a "属性" (Properties) panel with tabs for "属性", "颜色", and "高级". The "属性" tab is active, showing the following information:

- 类型 (Type): (128x128)
- 接收卡型号 (Receiver Card Model): MRV316/MRV366
- 设备 (Device): MCTRL1600-1
- 通信口 (Communication Port): USB@Port_#0004.Hub_#0001
- 连接 (Connection): 1-2-2
- 偏移 (Offset): X 129, Y 0

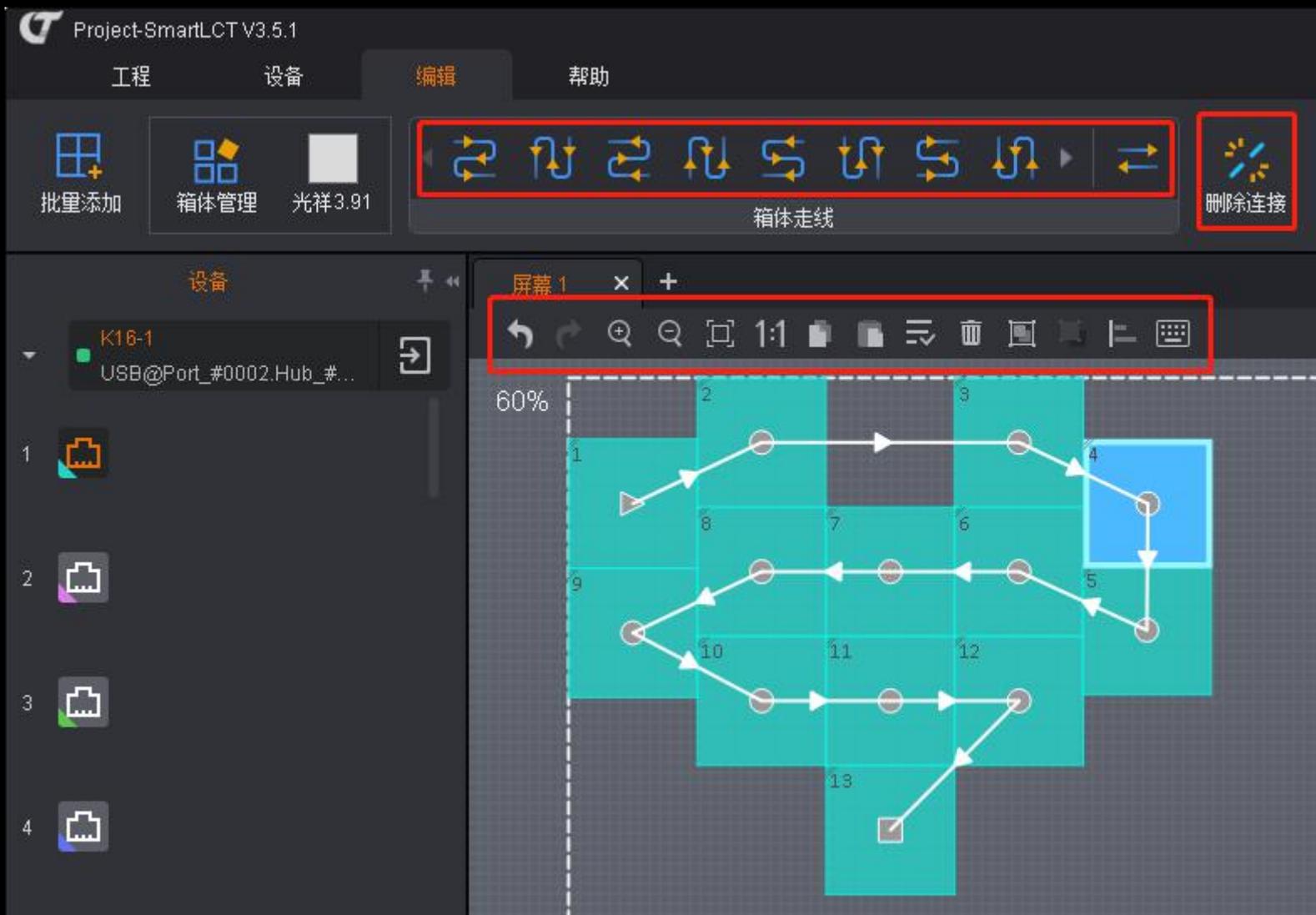
Below the properties, there is a "测试画面" (Test Image) section with a checked checkbox. At the bottom, there are fields for "程序版本" (Program Version) and "流水号" (Serial Number), and a "灯板详情" (Light Board Details) section.

At the bottom of the main window, a status bar shows a green checkmark and the text "带载正常" (Load Normal).

固件程序查看、回读及更新

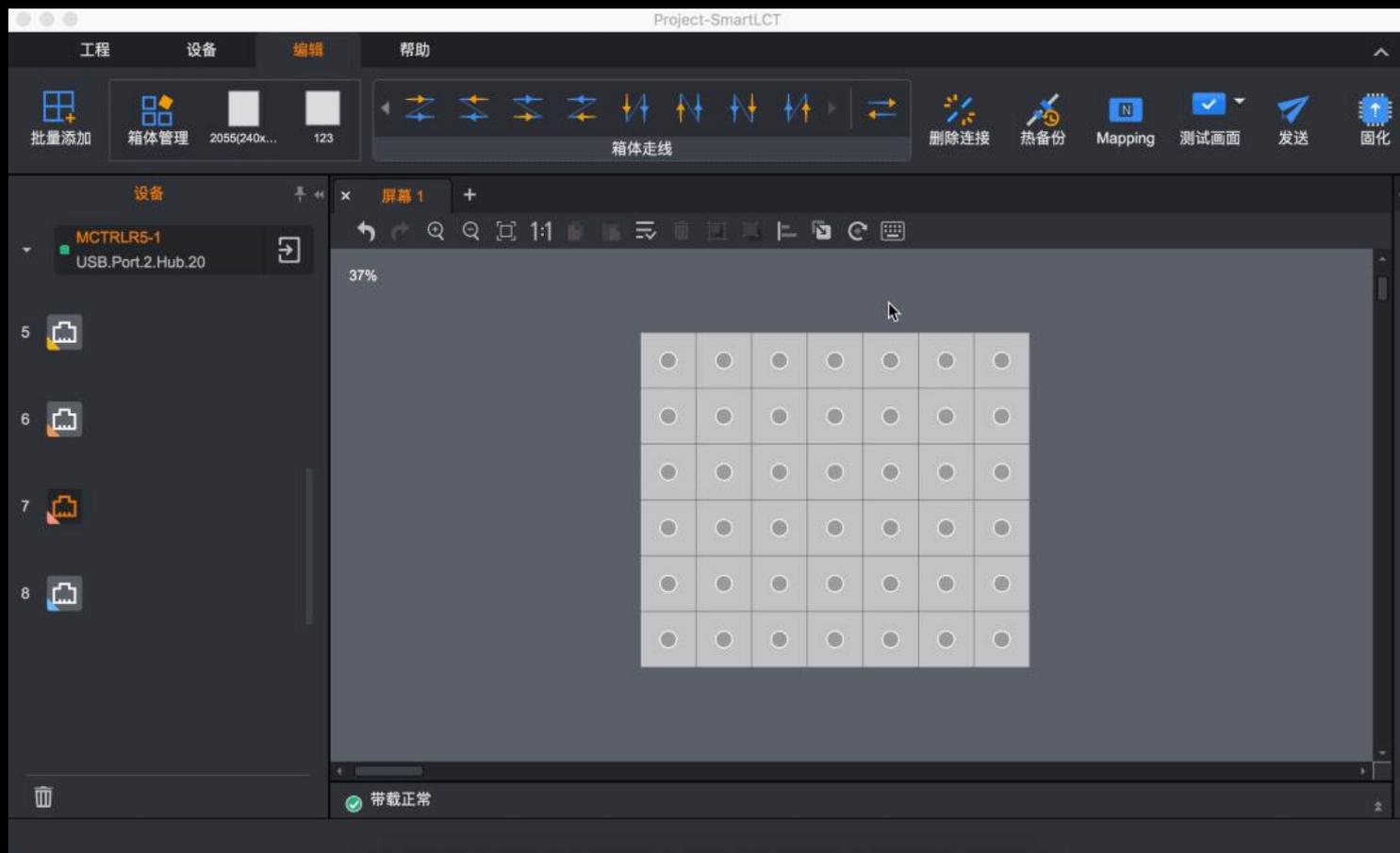


异形屏积木式配屏



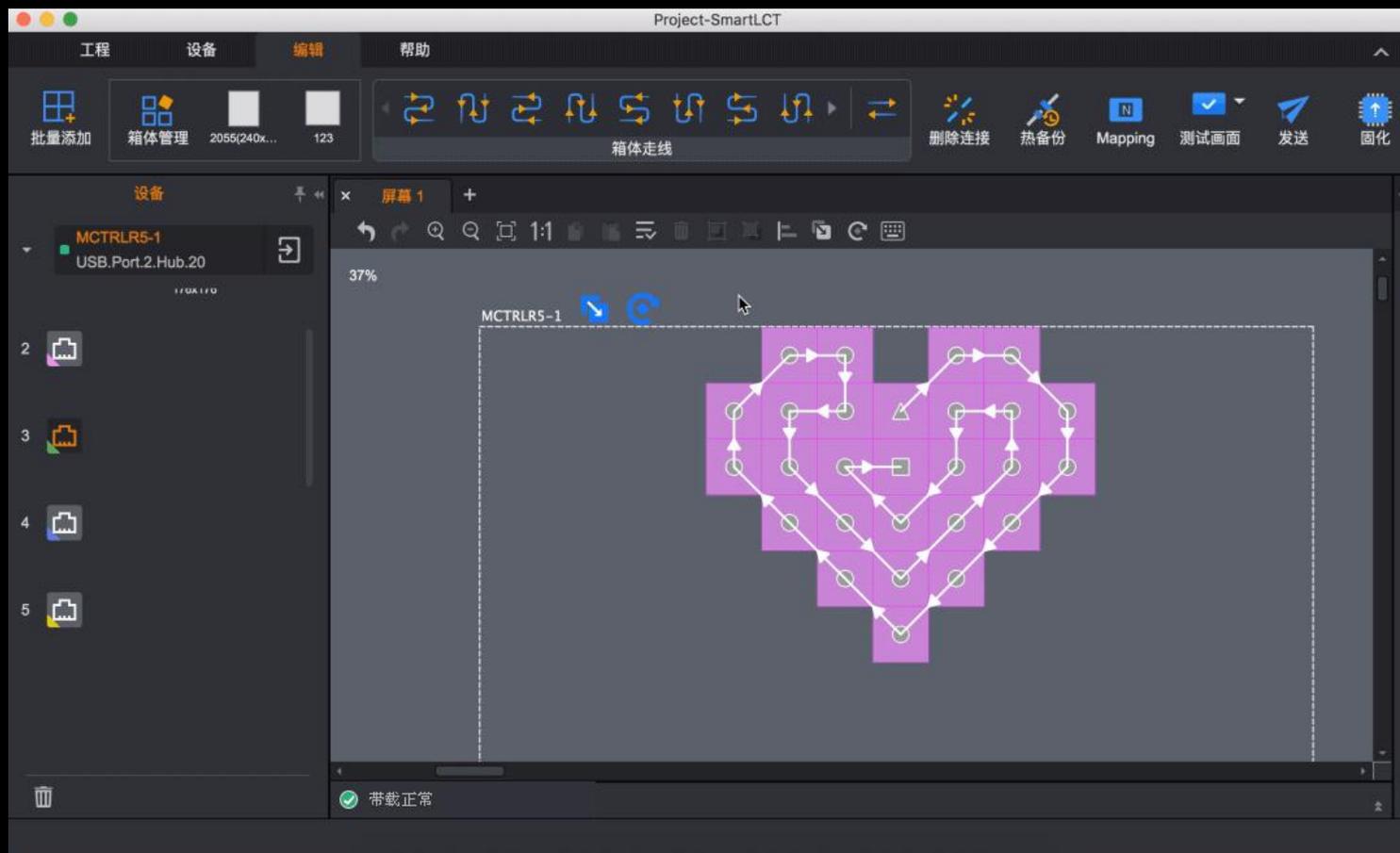


异形屏配屏操作演示



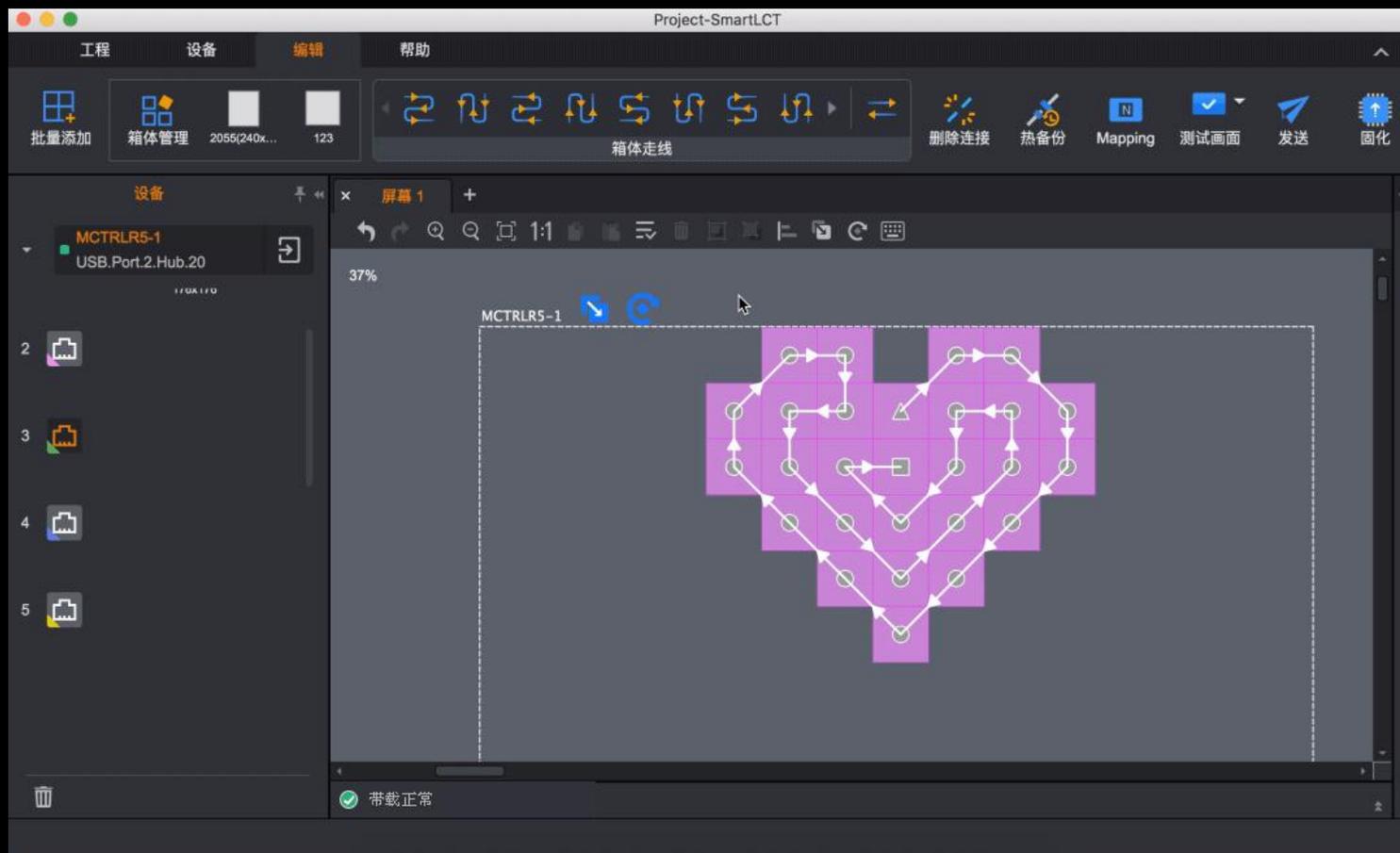


异形屏配屏操作演示

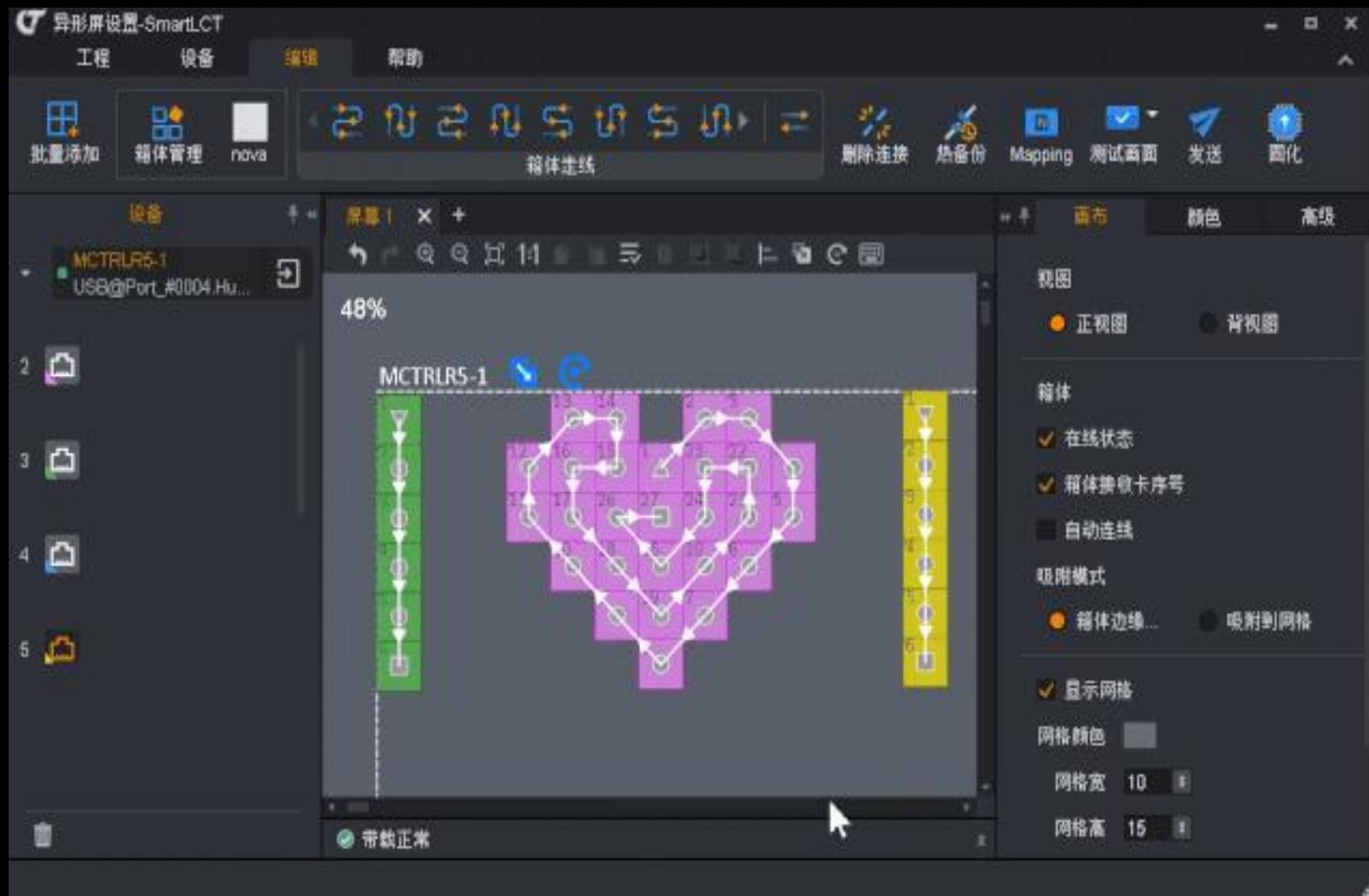


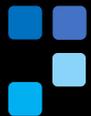


异形屏配屏操作演示

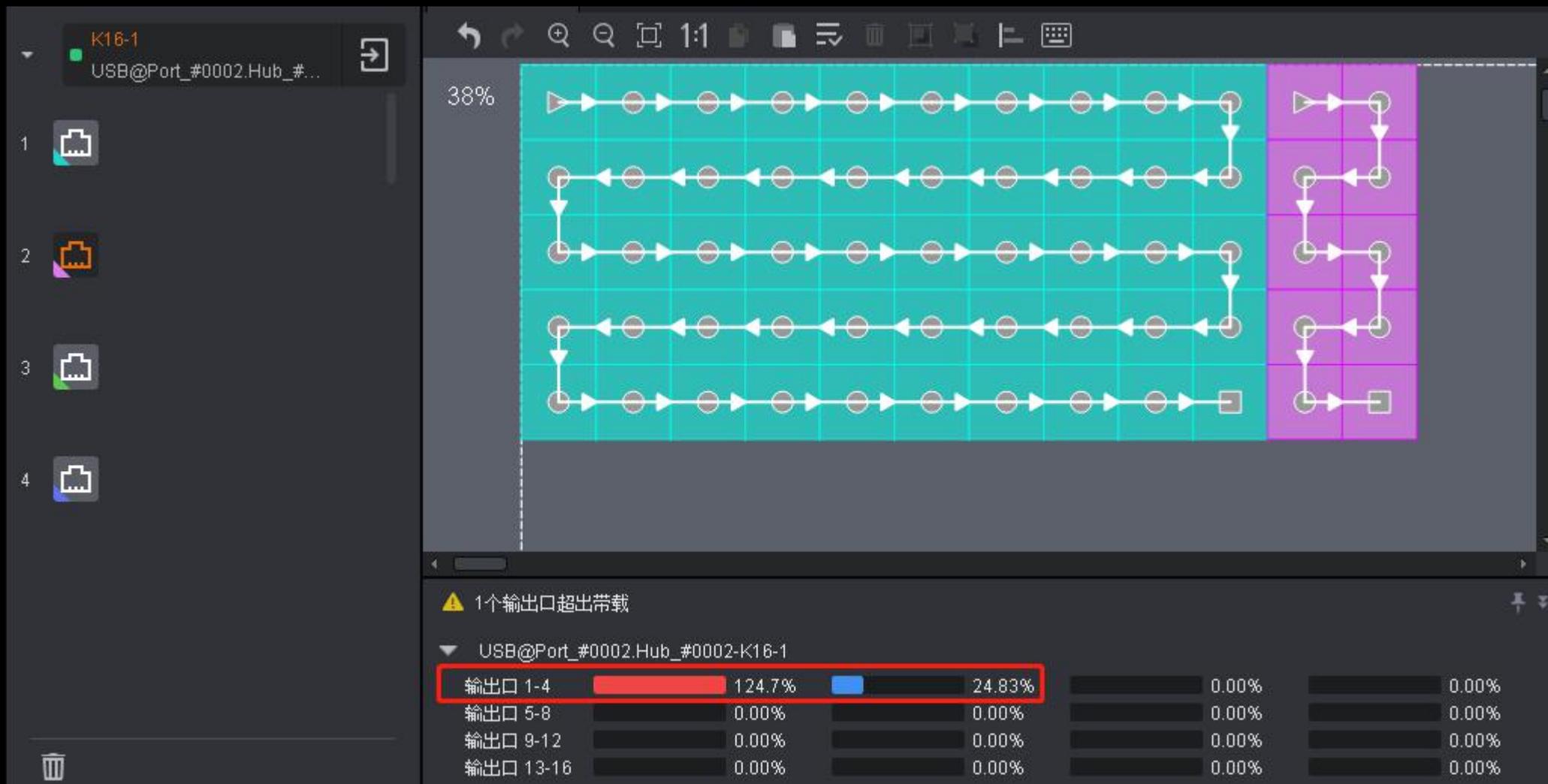


异形屏配屏操作演示





网口带载预警





前后视图切换

55%

显示屏名称 屏幕 1

禁止编辑

视图

正视图 背视图

箱体

在线状态

箱体接收卡序号

自动连线

背视图 55%

显示屏名称 屏幕 1

禁止编辑

视图

正视图 背视图

箱体

在线状态

箱体接收卡序号

自动连线

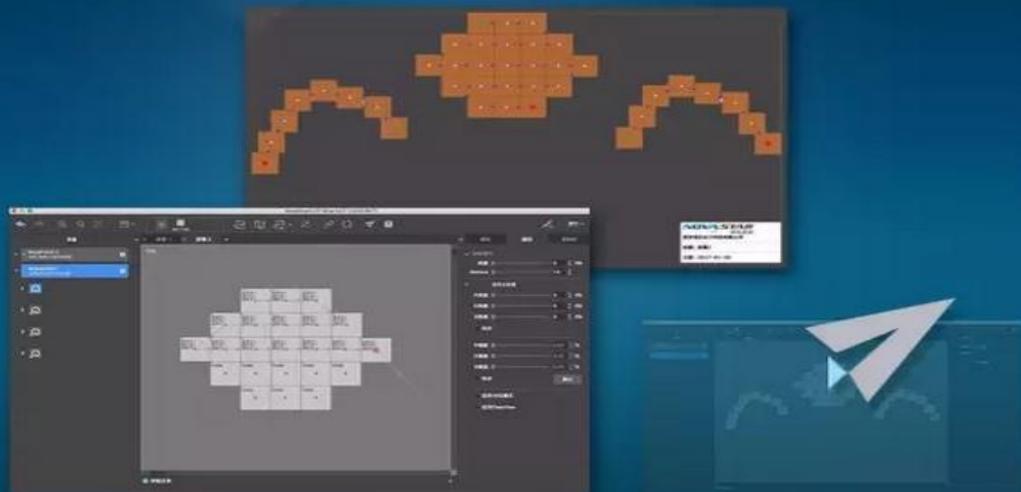
亮度及颜色调节

The screenshot displays the NOVA STAR software interface. At the top, there is a menu bar with '编辑' (Edit) and '帮助' (Help). Below it is a toolbar with various icons, including a group labeled '箱体走线' (Cabinet Routing) and other functions like '删除连接' (Delete Connection), '热备份' (Hot Backup), 'Mapping', '测试画面' (Test Screen), '发送' (Send), and '固化' (Fix). The main workspace shows a PCB layout in '背视图' (Back View) at 55% zoom, with a blue routing path connecting 12 numbered pads. The right-hand side features a settings panel with tabs for '属性' (Properties), '颜色' (Color), and '高级' (Advanced). The '颜色' tab is active, showing a red-bordered section for '全屏调节' (Full Screen Adjustment) with a checked checkbox, a '高度' (Brightness) slider set to 154 (60%), and a 'Gamma' slider set to 2.4. Below this are buttons for '设置至默认值' (Set to Default) and '恢复至默认值' (Restore to Default). Another red-bordered section shows a '色温' (Color Temperature) slider ranging from '偏暖' (Warm) to '偏冷' (Cool). At the bottom of the settings panel, there are checkboxes for '启用18位模式' (Enable 18-bit Mode) and '启用ClearView' (Enable ClearView). The status bar at the bottom left indicates '加载正常' (Loading Normal).

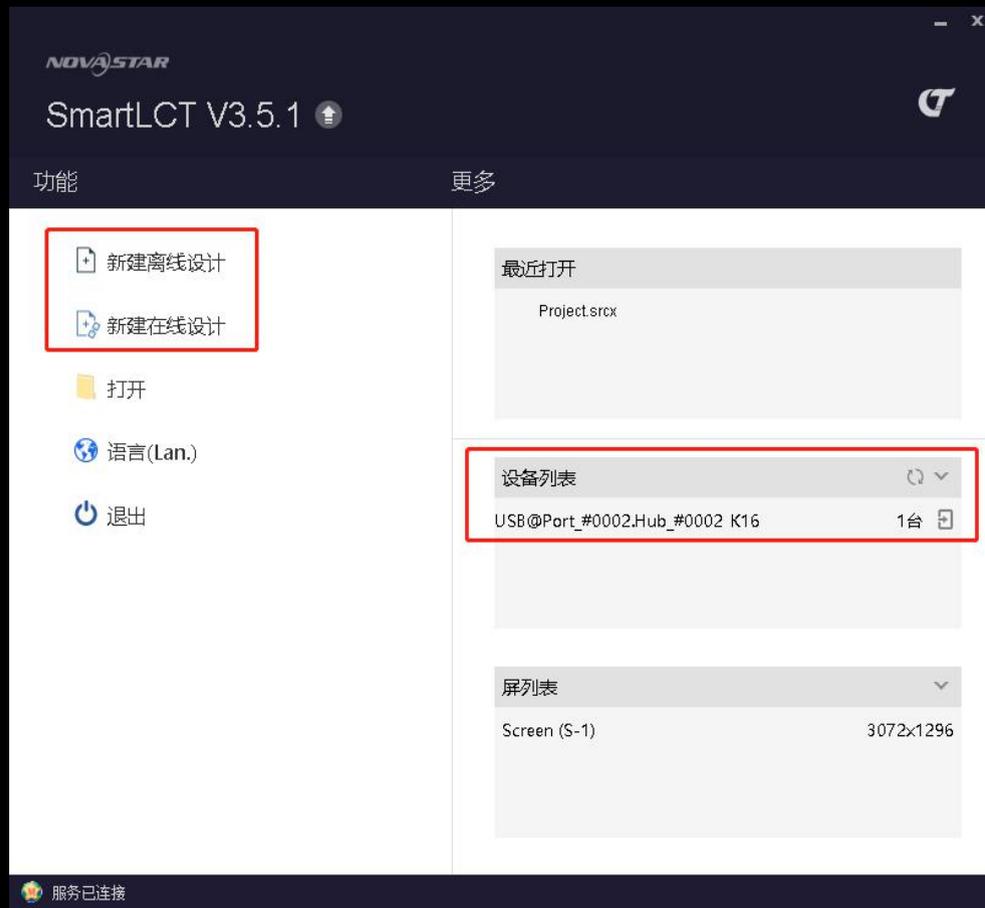


离线在线设计

离线在线设计

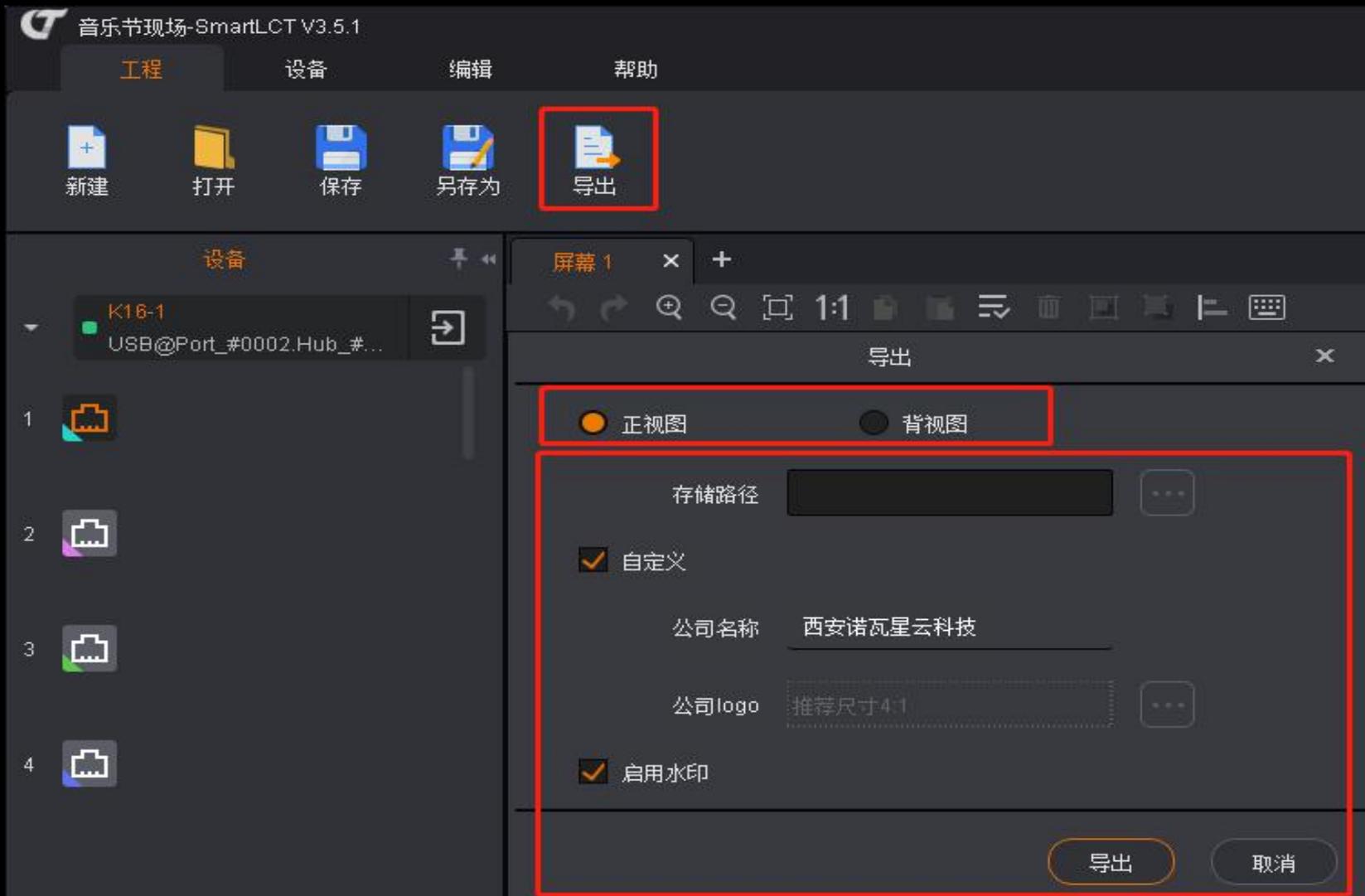


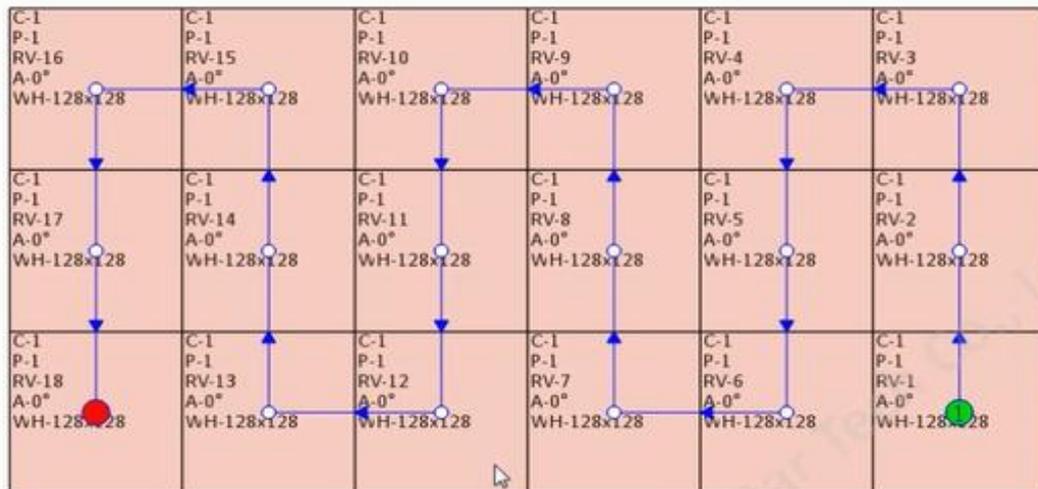
从方案设计到施工指导，
最后一键现场配置，
为用户提供系统完整的贴心服务！





离线设计工程图纸导出





MCTRL660 PRO-1

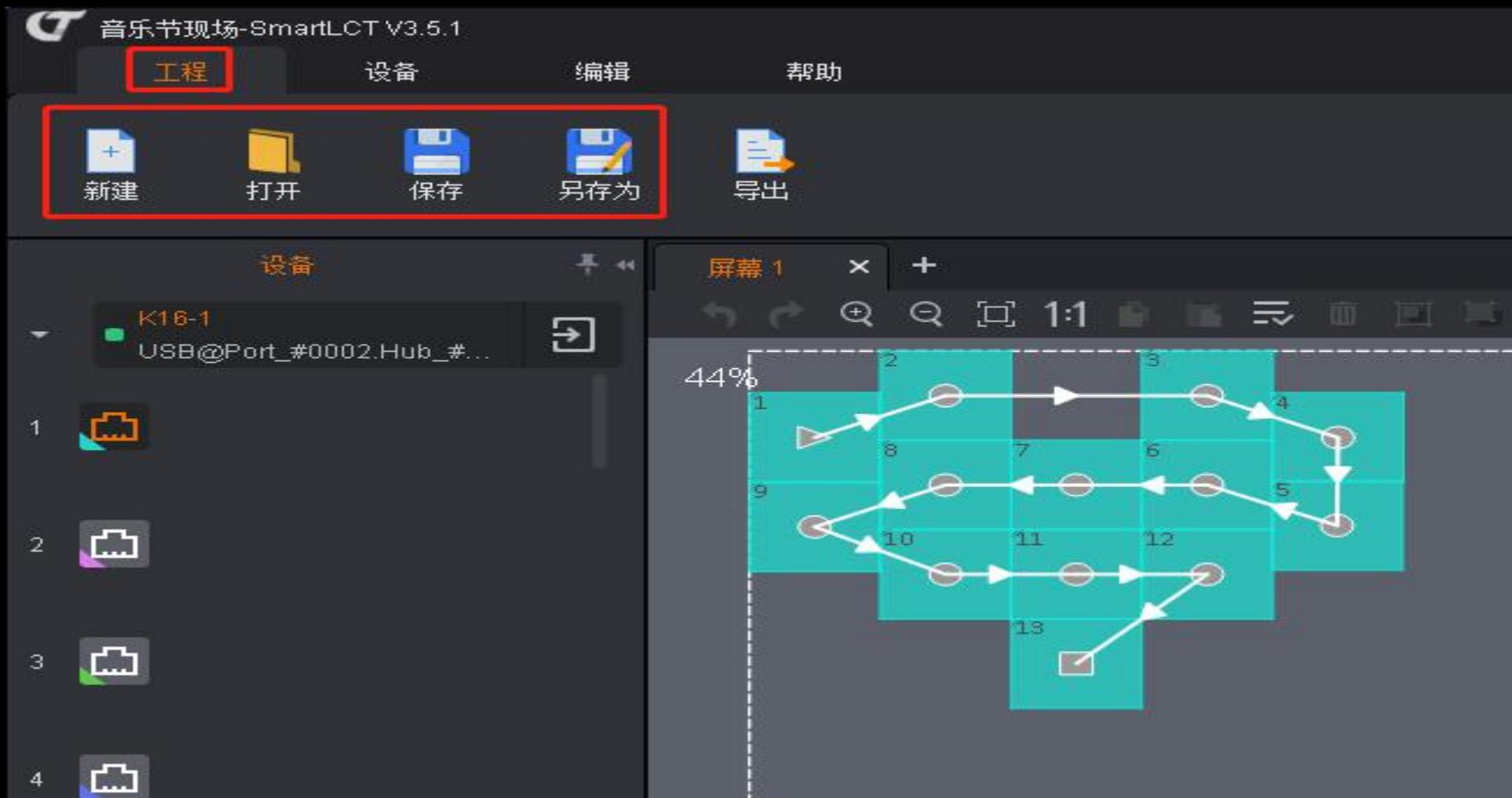
注:

C-发送卡序号
P-网口序号
RV-接收卡序号
A-旋转角度
WH-箱体大小
压缩比例:1:1
正视图
屏体带载: 294912px
实际带载像素点: 294912px
实际带载像素宽: 768px
实际带载像素高: 384px
电压: 220V
重量: 90kg
尺寸: 7.68mm * 3.84mm

标题: 屏幕 1

日期: 2018-08-08

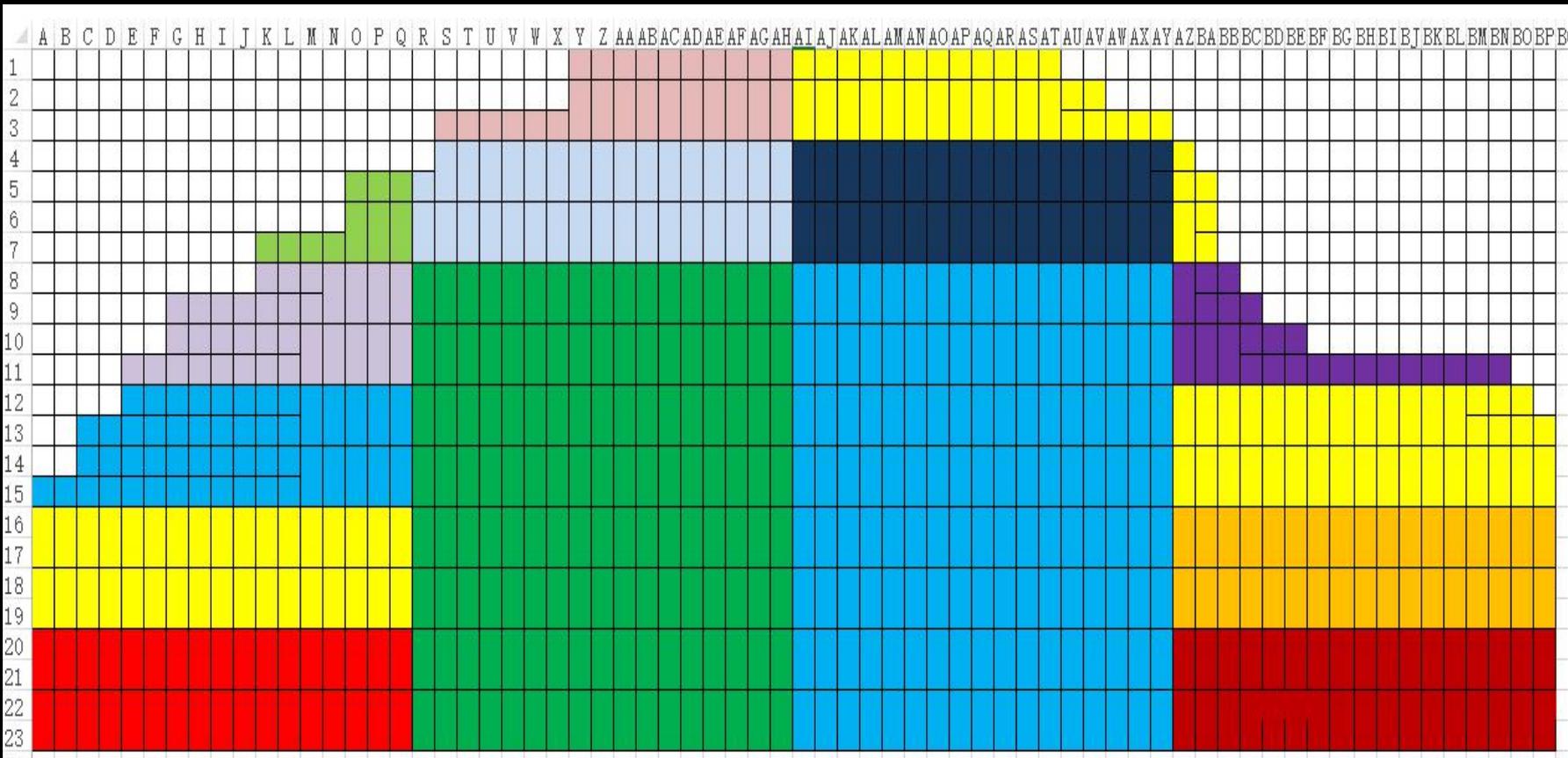
现场施工载入工程文件





2017年洛阳市牡丹节开幕式

案例分析



谢谢观看
方寸之间 体验非凡



