

NovaStar LED Wall [NovaLCT-Mars]

Pixel Counts: P3.9 = 128x128, P5.9 = 84x84, A7 = 64x64

User (U)

Advanced Login (A)

Password: 666

[1] Setup:

Screen Config

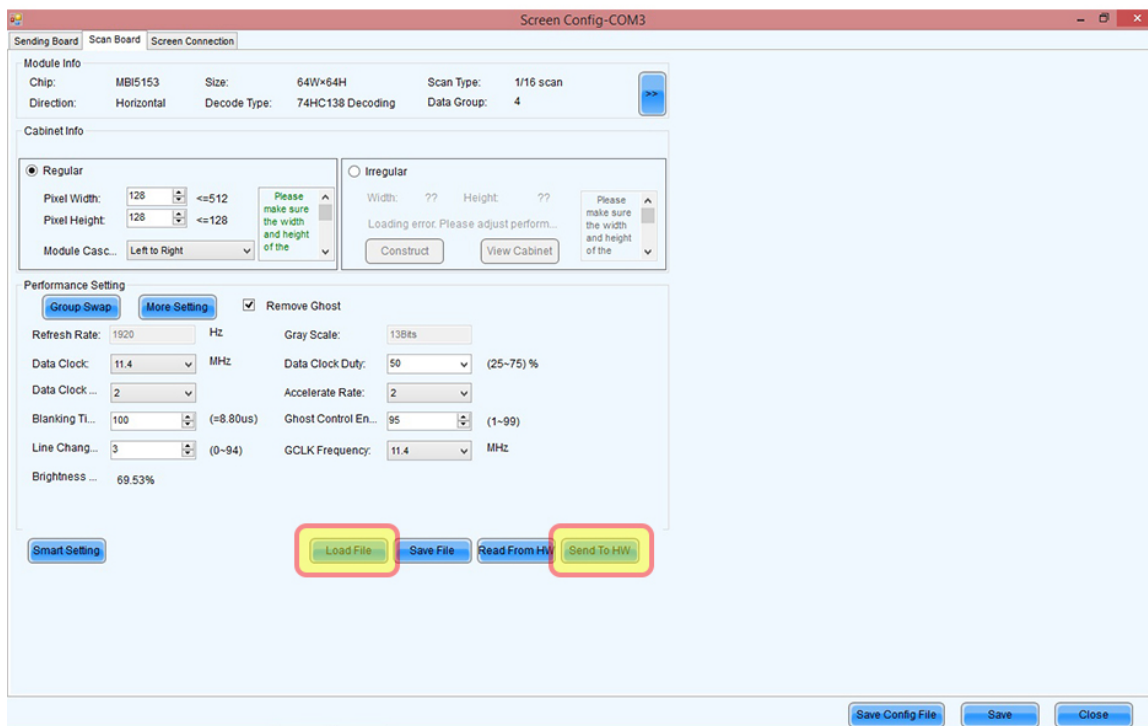
Select 'Config Screen', click 'Next'

Scan Board tab

Load File

Select appropriate .rcfg file [ex: P3.9MG5 5252.rcfg for YesTech P3.9]

Send to HW



NOTE: 'LOAD FILE' IS EQUIVILANT TO FACTORY DEFAULTING A SWITCHER. PARAMETERS WILL NEED TO BE SET AGAIN FOLLOWING. USEFUL TO DO WHEN ENCOUNTERING INIDENTIFIABLE ISSUE -> START '[1] Setup' TO REFRESH.

[2] Screen Configuration:

Screen Config

Select 'Config Screen', click 'Next'

Screen Connection tab, Config, Standard Screen

Select 'Read File', choose corresponding .scr file.

EX: '3.9mm_16x9_Ground Set'

Send to HW

If using multiple signal outputs/ports from processor:

Select Port Index output number

Draw signal path for that single port output

Select next Port Index output number

Draw signal path for that single port output

Send to HW

NOTE: BE SURE 'Scan Board Size' MATCHES EXISTING WALL SETUP.

Image below is only for reference; wall sizing, scan board size, etc. could be different to existing wall.

Image represents a [2] port output from processor. Green path indicates Port 1 flow, Yellow path indicates Port 2 flow.

Each panel info line also indicates 'Port:1', 'Port:2' etc.

The screenshot shows the 'Screen Config/No Hardware' window with the 'Screen Connection' tab selected. The 'Standard Screen' option is chosen. The 'Scan Board' section shows 'Scan Board Columns: 10' and 'Scan Board Rows: 6'. A grid of 60 cells (6 rows by 10 columns) displays scan board information for each cell, including 'Scan Board', 'Port 1', 'Port 2', 'Width', and 'Height'. A red arrow points to the 'Scan Board' field with the text 'Corresponds to physical wall size (Ex: 16' x 9' wall = 10 columns, 6 rows)'. A yellow box highlights the 'Port Index' section with the text 'Corresponds to physical data port from LED Processors Each port pixel count max is 1024 x 1024. NOTE: If pixel count width or height exceeds 1024 in either direction, panels need to split from ports.' Another yellow box highlights the 'Scan Board Size' section with the text 'Corresponds to panel size: P3.9 = 128x128 P5.9 = 84x84 A7 = 64x64 Then click 'Apply to Port''. At the bottom, there are buttons for 'Read File', 'Save File', 'Read from HW', 'Send to HW', 'Factory Restore', 'Save Config File', 'Save', and 'Close'. A note at the bottom reads: 'Note: Click or drag the left mouse button to configure the screen. Right click to cancel.'

Select 'Read File' and corresponding .scr file for wall type. Ex: '3.9mm_16x9_Ground Set.scr'
Once all parameters have been set. Always click 'Send to HW'

[2] Colour Restore:

Tools (C)

Color Restore (O)

Select NTSC for standard [by default program goes to PAL]

Send

Save to HW

Communication port: COM3

Screen1

Original			
	Cx	Cy	Lum
Red	0.675	0.33	900
Green	0.19	0.78	1800
Blue	0.13	0.04	300
White	0.2596	0.2393	3000

Target			
	Cx	Cy	Lum
Red	0.67	0.33	778.0336
Green	0.21	0.71	1626.7577
Blue	0.14	0.08	281.2234
White	0.3127	0.329	2686.0148

PAL
 NTSC
 Custom

Drawn in bold lines and the common color temperature points

Enable Color Restore

4/25/2016 12:34:43 PM COM3-Screen1 Failed to get information of color restore!
 4/25/2016 12:34:55 PM COM3-Screen1 Succeed to set!

Reset Coefficients

Screen Calibration [from main home screen]

Manage Coefficients tab

7. Reset correction coefficient

Reset Coefficient... (at bottom right)

Click OK

Save to HW

