Setup for Special Module

Setup for Empty Pixel

- 1. Check the pixel dimensions for one module, model of driver IC and decode IC
- 2. Click Intelligent setup button after getting the correct info of your module. (Take module size with 50*50 pixels for example)

ntelligent setup guide 1				>
Display type				
◯ Single-color	O Double-color	۲	Full-color real pixel 🛛 🔾)Full-color virtual pixel
Virtual pixel sequence	r	red A green / blu	ue red B 🛛 🗸	
Drive IC	•	General	Select	Chip
Data type	F	Red, green, (blu	ie) separa 🗸	
Module information				
Module type	(🔾 Regular		Complex
Pixels: (adapting real pixe	el for virtual display)) X X: 50	Y	50
Data input port QTY		1		
Data group/port	[2		
Row decode mode	L	chin 138 decod	e	~
Card Mode		24 data for RV	908	~
		16	E Pin	RV908,8th,16th Pin V
Bits of Single Chip		4	Afterglow SRO	Normal ~
			-	
Module cascade direction () (ook from the front o	(¢ dicolav)		
o from left to right	from right t	o left	◯ from top to down) from down to top
New framework				Next Cancel

3. Choose the corresponding Display Status from Guide2 to Guide6 interface

(Intelligent setup quide2	×	hrmal
	~ `	
Led display diversification		Data
Status changes automatically, one time/4 seconds, observe LED module, and choose the right answer from the display status.		
● 1 ○ 2		Four-c
3. Display status Status 1 displays white, status 2 displays black.		After
No change or irregularity status 1 displays black, status 2 displays white		Ihr
status 1 displays white, status 2 displays black status 1 displays red, status 2 displays cyan (green+blue)		ima
30		
luding blanking): 38.44% status 1 displays cyan (green+blue), status 2 displays red status 1 displays purple (red+blue), status 1 displays green		
453 ns status 1 displays yellow (red+green), status 2 displays blue		Ч.
Intelligent setup quide4		×
Internigent settep galace		~
Led display diversification		
Status changes automatically, one time/4 seconds, observe LED module, and choose the right answ from the display status.	ver	
Display status status 1 is brighter than status 2	~	
No change		
status 1 is brighter than status 2 status 1 is darker than status 2	cel	
		_
Intelligent setup guide5		\times
Status changes automatically, one time/4 seconds, observe LED module, and choose the right answer from the display status.		
. Led display diversification	_	
O1 Display status 1 red	~	
	_	
Display status 2 green	~	
O3 Display status 3 blue	5	
	-	
O 4 Display status 4 Black	\sim	
	l	
last Next Can	cei	

	Intelligent setup guide6			×
ļ	Bright line of LED display			
ļ	Row	🔘 Column	🔾 All	
	Bright rows of LED display			
	2	~		
Į	_			
	Interval row (including one brid	ght row)		
	13	~		
	Remarks: if only one bright ro	w. must choose a inter	val row.	
ļ	·····	,		
ļ				
ļ				
	Last	Next	Car	ncel
ł				

4. Locate the blinking pixel on the module and click once on the corresponding position in Guide7. If no new blinking pixel appears, click the blank dot button. Click finish if all the blinking pixels have been marked in Guide7.



5. You will be back to the Receiver Tab interface, and modify the actual width and height value depending the actual width and height that one receiving card connects to.

8 Hardware Setup					- 0	×
Sender	Receiver	Display Connection				
Module Info Drive IC : File	General V	Scanning mode: Fi	ull-color real pixel 13 scan 26 rows/zone	Module Info		
Load Capacity Setup Actual width Actual height :	50 <=70	Cascade direction Out Mode	From right to left \sim Normal \sim	Card Mode 24 data for RV908 Data exchang	e 🗸	
Effects Setup Refresh FRQ Scan clock	760 ~ <=1036Hz	Synchro refresh Duty ratio	Auto ~ Hz	Four-color excha Afterglow Blank	nge	
Phase of clock Row blanking time	4 ~ 300 ns	Gray level Grey mode	65536(Higher Refr∈ ∨ Level high refresh-light ∨	Chroma space Image contro		
Brightness efficiency Min OE width(>40ns)	(including blanking): 70.64%): 66 ns	Grey equalize	40 ns	Other setup		
Intelligent setup		New framework		Trregular cabin	et	
Param readback	Load from file	Save to file Send to R	Receiver Save to Receiver			

Setup for Empty Row

If you can't get a whole number when dividing the pixel height of the module by the scan mode, then the module is with empty row. Like module with 50*50 size, scan mode is 13 scan and 26 rows for each section. Divide 50 by 13 you can't get a whole number. But 13*2-1=25, so you will know one row has been removed. You need to go into the hidden manual to adjust the values.

Modify item247 to 1

Hardware Setup	nanual					×	_	
Sender	All	No.	Reg. Name	Value	^	ОК		
	Gama256	228	Is3Reg	0				
Module Info	Frame	229	VervRow	n		Direct test		
Drive IC: Ge	FrameCnt	230	SkipRow	0		Calculate test	Mandula Taña	
rile Uel	Register	200	Maduide	40			Module Thi o	
	RcTbl	231	Moawiaan	49				
Load Capacity Setup	RcTblEx	232	ModwidthEx	63				
Load Capacity Setup	RowTbl	233	TblMax_1	0		Export		
Actual width	OeTbl	234	TblMax_2	0		Export	ita for RV908 🔍	
	SyncTbl	235	TblMax_3	0		Load		
Actual height :	PreTbl	236	TblCascadeNum_1	1			ata exchange	
	MaxGreyTbl	237	TblCascadeNum_2	0			-	
Effects Setup	FrameWaitTbl	238	TblCascadeNum_3	0				
Refresh FRQ	GreyWaitTbl MayErameTbl	239	TblCascadeNum_4	0			-color exchange	
	PortTbl	240	 LckSel	0				
Scan clock	MoudlePortTbl	241	BkSel	1			erglow Blanking	
	BitScanTime	242	DinSel	2			Throma chaco	
Phase of clock	GClkMaxTbl	243		0			inroma space	
	WrSdRAddrTbl BowSoctTbl	243	ThimayEv	1			image control	
Row blanking time	SdramScanTbl	244	Dewlet and	1			-	
	RCTblExNew	245	ROWINICLOM	254			Other setup	
Brightness efficiency (incl	RdSdRAddrTbl	246	TbIMaxM	0	٦			
Min OE width(>40ns): 6(MultPortOffsetTbl	247	EnManual	1				
		248	ICN2012	0	-			
		249	Zone16Num	1				
		250	ZheAddr	8			regular cabinet	
Intelligent setup		251	SkipDotT	14				
		252	MaxCtrlDot3	127			regular cabinet	
Povom voodboek					Ŧ			

In normal case, set each data set to 26 (0 to 25th, and 0 is the first row) rows in RowSectTbl . But in this case one row has been removed, you need to modify 25 to 24.

🐻 Hardware Setup	manual			×	×
Sender	All	No.	Value	ЛОК	
Module Info	Gama256 Gama1024 Event	1	24	Direct test	
Drive IC: Ge	Frame FrameCnt Register	3	24	Calculate test	Module Info
File <u>Unk</u>	Row RcTbl	4	24		
Load Capacity Setup	RcTblEx RowTbl	6	24		
Actual width	LineTbl OeTbl	7	24	Export	ita for RV908 🛛 🗸
Actual height :	SyncTbl PreTbl MaxGrav.Tbl	9	24	Load	ata exchange
Effects Setup	MutGreyTbl FrameWaitTbl	10	24		
Refresh FRQ	GreyWaitTbl MaxFrameTbl	11	24		r-color exchange
Scan clock	PortTbl MoudlePortTbl	13	24		erglow Blanking
Dhase of shale	ExLineTbl BitScanTime Collimental	15	24		Ihroma space
	WrSdRAddrTbl RowSectTbl	16	24		image control
Row blanking time	SdramScanTbl RCTblExNew	18	24		Other setup
Brightness efficiency (incl	RdSdRAddrTbl WidthDivTbl	19 20	24		
Min OE width(>40ns): 66	MultPortOffsetTbl	21	24		
		22 23	24		regular cabinet
Intelligent setup		24	24		regular cabinet
Param readback		25	25	*	
	l I				

Because 24 sets data group are used here, so we set 24.

After the above steps, click send to receiver to see the reaction on the display.