

Gigabit Ethernet with Colorlight RA5 series card tune-screen steps

I . Hardware connections and settings



Hardware connection diagram

1. Please use the Gigabit Ethernet Control RA5 synchronous cards, if you already have a network card, we can follow the following steps to determine the properties of network card.

Turn on the computer "Device Manager", observed the display of the "network adapter"

- A. If the NIC model contains with "GBE"/"Gibagit"/"10/100/1000", than this is Gigabit Ethernet.
- B. If the NIC model contains with "FAST"/"FE", than this is Fast Ethernet.
- 2. Check whether the Gigabit Ethernet communications RA5 synchronous cards, Please view the status of computer bottom right corner of the "local connection"

A. sor means that the communication is right, Double-click to view the speed, if the

speed of 1.0Gbps, we can enter the software settings.

- B. 📑 means that the communication is wrong, please check:
 - a) Please use Over five or Six types of cable, both ends of the crystal head in accordance with 568B of line sequence to produce, ensure that the network cable to the normal communication.

${\rm I\hspace{-1.5mm}I}$. Software settings

Installed correctly the "LEDVISION" software, enter "Card sent" mode settings.

A. click 【Control】 → 【Screen management】, open the "Screen management" page. Select "By Net Card", password is "168"

Screen Managemen	hE	
Send Mode	let Card O By Send Card	
Net Card Setting		
Frames/s	Default Notes Param. From Computer Param. From Receive C	lards
Use Net Card	Atheros AR8151 PCI-E Gigabit Ethernet Controller	ect
Detect		

B. Select "Use Net Card", click "Auto Select", then blank menu appears the Gigabit Ethernet we used.

C. Click "Detect", the right area will appear as shown below:

Colorlight Quality Moving Quality Mo		
-Net Card Setting		
Frames/s	Default Notes Param. From Computer	🔘 Param. From Receive Cards
🔽 Use Net Card	Atheros AR8151 PCI-E Gigabit Ethernet Controller	- Auto Select
Detect	Detect 1 receive cards. Detect the 1 card is 5A 9.36 (Normal Chip,Normal Serial)Total Work Time:	: 0:00:14, Net Line OK

D. Click "Config Selected One", password" 168", enter" Receive Card Setting LED1" page.

Wizard 2

-LED Display Showing Test

Automatic change every 4 seconds. Please pay attention to the LED Display and select the correct answer 2 Pay attention to the LED Display

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Answer : 1 display black and 2 display white

a) Basic Parameters Setting-"Intelligent Setting". Click "Intelligent Setting", enter the setup wizard interface

Wizard 1 LED Display Type Full Color redA green/blue redE 👻 🔘 Virtual Full Color Virtual Pixels 1 Fill in the number Module Inform Width /oid Point Setting... of columns Chip Type No 138 Chip Line Direction(From Front) From Right To Left 💌 Output for pixel Route 31

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Next Cancel	Previous Next Cancel
Wizard 3	Wizard 4
	Wizard 4
Wizard 3 LED Display Showing Test iutomatic change every 4 seconds. Please pay attention to the LED Display and select the propert answer. 3. Pay attention to the LED Display and select the correct ansower Answer: 1 darker than 2	Automatic change every 4 seconds. Please pay attention to the LED Display and select the correct answer. Display Change 2 State 2: Green 3 State 3: Blue 4 State 4: Black
Previous Next Cancel	Previous Next Cancel
Wizard 5	Wizard 6
Wizard 5	Wizard 6
How many row(s) is light?	How many row(s) is light? 6、 How many row is light? Previous Next Cancel
VVIZARO / Wizard 7 Re-Route Pixels To Pay attention the bright spot on the di module, describe the point in the form.	isplay port alignment table port alignment table
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	
1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	
2 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	
3 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	
4 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	
5 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	
6 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96	
8 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128	
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b) Connet Setting

Receive Card Setting LED1
Basic Parameters Setting Connect Setting
🛌 🐴 Ne. 1:1 🕀 🗁 🖽 🖌 Output Offset 💿 Standard 💿 Complex Import Connection Export Connection
1 2 3 4 1. Card's Count - No:5 No:8 No:4 - - Width 64 Height 64 Width 64 - Width 64 Width 64 Width 64 - Width 64 Width 64 Width 64 - No:- - - - - Width 64 Width 64 Width 64 - - Width 64 - - - - No:- - - - - - No:- - - - - - - No:- - - - - - - - - No:- -

c) Send to Receiving Card and Save the parameter.