



RG-S1924GT

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©2007

RGNOS®

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 Red-Giant®

 Red-Giant 锐捷®

ċ

RG-S1924GT

20 1000BASE-T

4

Combo

48Gigabits

1.1 (M û `ì&•

Web

IP

1		PC	
2		PC	
		PC	
			LED
3	IP	192.168.2.10	
	255.255.255.0	PC	IP
	192.168.2.xx		4
	IP		
4	PC	IP	web
	http://192.168.2.10	PC	
	PC	3	
5	admin	Login	
6	SYSTEM	LAN	LAN Settings
	IP		IP
	APPLY		

SYSTEM-Password
APPLY

1.2 S*ü Web + M6

HTTP web

Web

Web

Internet Explorer 5.5

Netscape Navigator 6.2

Web

1.

IP

192. 168. 2. 10/255. 255. 255. 0/0. 0. 0. 0

2.

web

admin

web

1.3 Web 管理

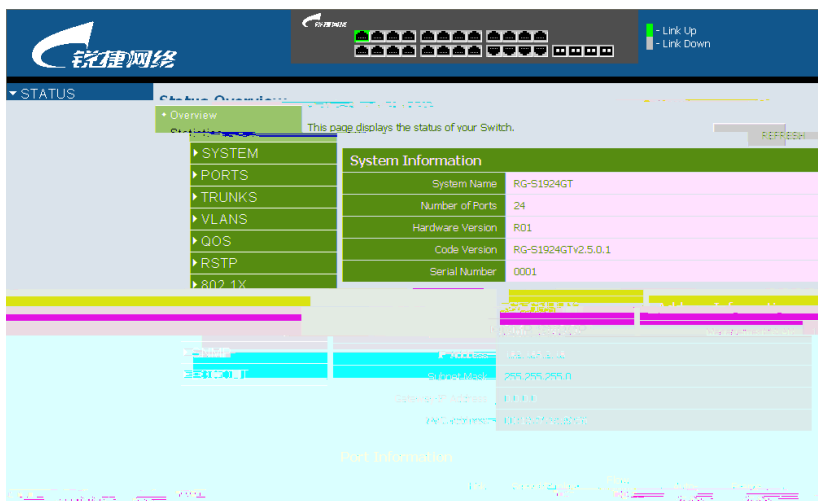
Web

“ admin ”

5

1.3.1 简介

Web



1

1.3.2 G!5BEÝNM

Apply

WEB

1 WEB

Apply	
Cancel	Apply
Help	Web

1. Internet Explorer 5. x
“ ” /Internet / / Internet
/ “ ” “
”

2. Internet Explorer5.0
refresh

1.3.3 M6 S /

Web

1.3.4 9°)

2

STATUS	
Overview	VLAN
Statistics	RMON
SYSTEM	
Name	
LAN Settings	LAN IP IP
Password	
Tools	Restore to Factory Defaults Upgrade Firmware Restart
Static MAC	MAC
Counter config	

PORTS	
Settings	
Rate Limiting	
Port Mirroring	
Cable Diagnostic	
TRUNKS	
Membership	trunk
Settings	
Rate Limiting	
LACP Setup	
LACP Status	LACP
VLANS	
VLAN Membership	VLAN
VLAN Port Config	VLAN
QoS	
Settings	
RSTP	
RSTP Setting	RSTP
RSTP Status	RSTP
802.1x	
802.1x Setting	802.1x

802.1x Status	802.1x
SECURITY	
IP Filter	IP
Port Security	
ACL	
IGMP SNOOP	
Setting	IGMP
Status	IGMP
SNMP	
Setting	SNMP
LOGOUT	

1.4 WEB G!5B

1.4.1 (Š Œ EÄ



3

System Name _____

Number of Ports _____

Hardware Version _____

Code Version _____

Serial Number _____

Management VLAN _____ VLAN

VLAN1

VLAN VLAN IP

IP Address	_____	VLAN	_____	IP	_____
	IP			IP	4

0 255

Subnet Mask_____

255.255.255.0

Gateway IP Address_____ 0.0.0.0

MAC Address_____

Type _____

Link Status_____

Speed/ Duplex Status _____ Auto

fixed choice

Flow Control Status_____

Autonegotiation _____

Frame Tyoe_____

PVID_____ untagged VLAN ID 1

Trunk _____ Trunk

Type _____ Trunk

Trunk Status _____ trunking

Ports _____

VLAN

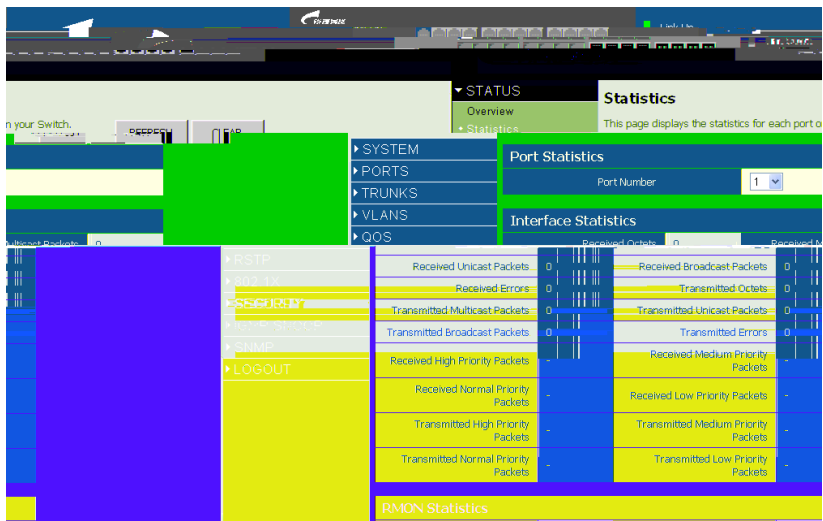
VLAN ID_____ MST VLAN

1.4.2 / 0Ã·4³Au

“ CLEAR ”

60

“ REFRESH ”



4

3

Interface Statistics	



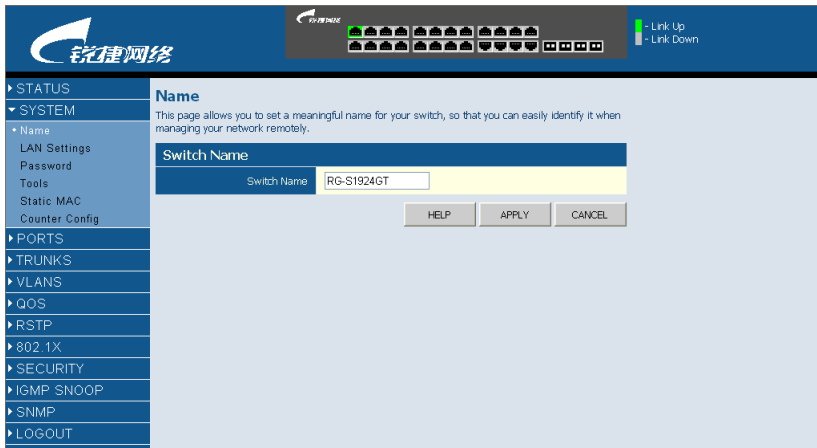
Received Octets	
Received Unicast Packets	
Received Errors	
Transmitted Multicast Packets	

1.5 2İ4³

1.5.1 %2İ4³-ä/Äp3AEİİ•GD ù'i•x"ß/ ""Í p Ä

Switch Name —

Web - System Name



锐捷网络

STATUS

SYSTEM

Name

LAN Settings

Password

Tools

Static MAC

Counter Config

PORTS

TRUNKS

VLANs

QOS

RSTP

802.1X

SECURITY

IGMP SNOOP

SNMP

LOGOUT

Name

This page allows you to set a meaningful name for your switch, so that you can easily identify it when managing your network remotely.

Switch Name

Switch Name

RG-S1924GT

HELP

APPLY

CANCEL

- Link Up

- Link Down

5

1.5.2 LAN A'5B



255.255.255.0

DHCP Enable –

DHCP

IP Address –

IP

IP

0 255

Subnet Mask –

255.255.255.0

Default Gateway –

IP

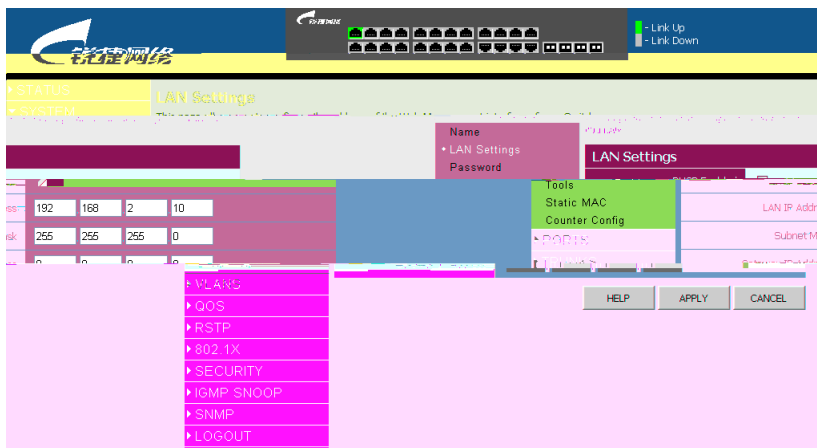
IP

Web

System, LAN Settings,

IP

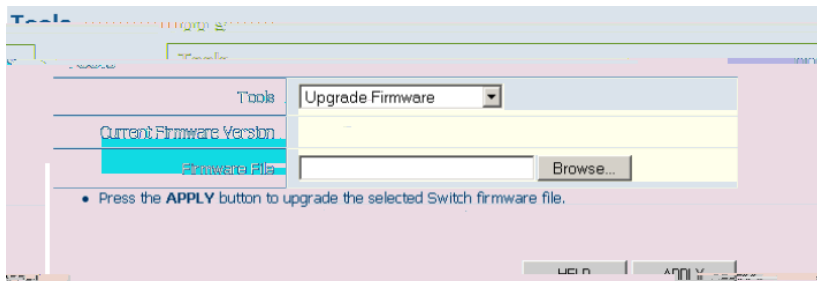
APPLY



6 LAN



APPLY



10

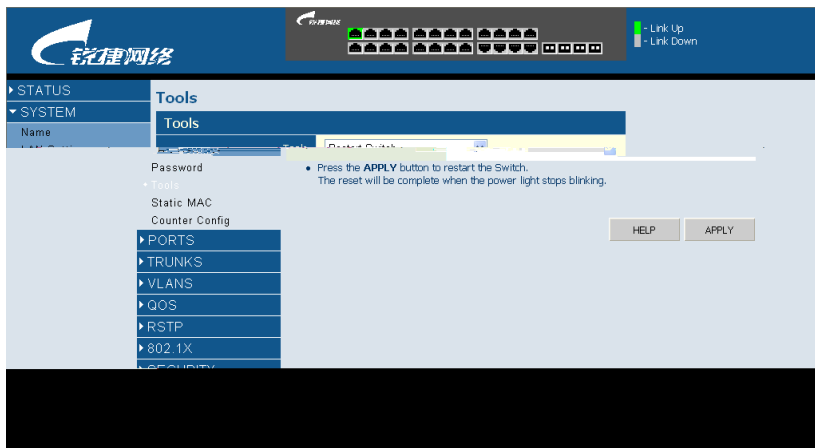
Ð ô / ßEQG!5B

Web Ê SYSTEM, Tools, Upload/Download Configuration.
"Upload" "Download"

Web

System, Tools, Restart Switch

APPLY





Modify

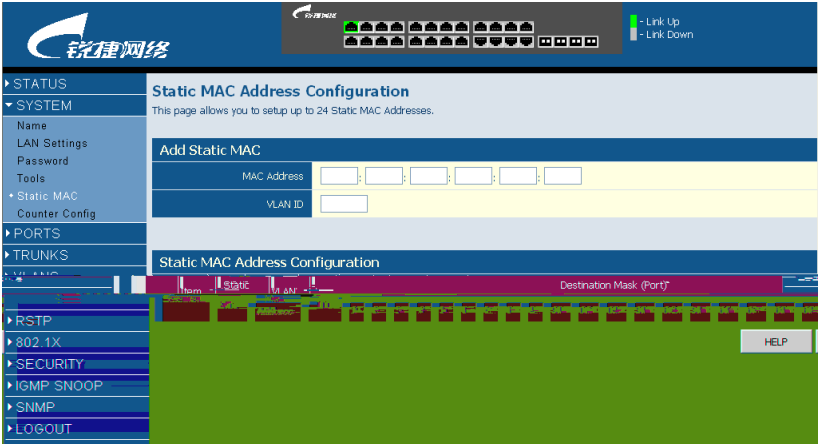
Delete

MAC

Modify

Destination Mask

Web System, Static MAC.



13 MAC

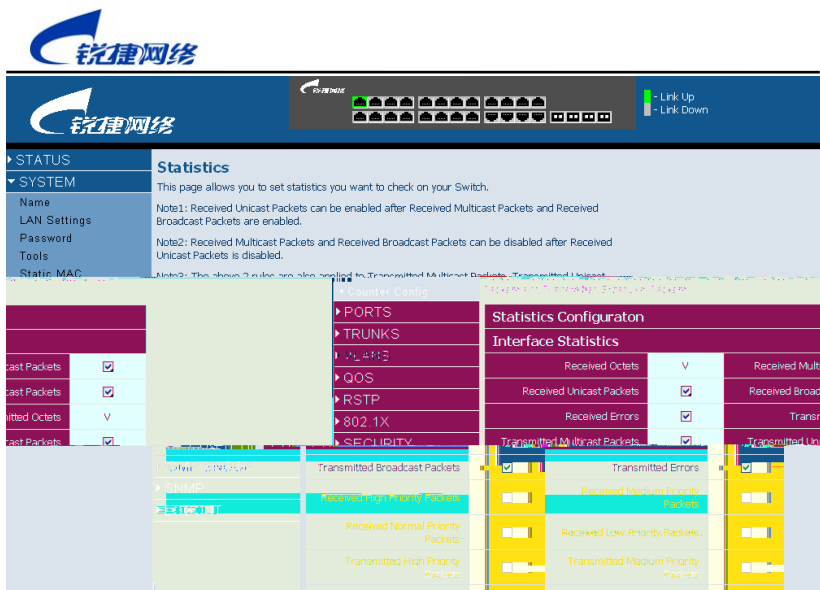
1.5.6 4³AuG!5B

5 5 1

1

2

3



14

1.6 0Ã ·

1.6.1 0Ã ·A'5B

Speed/Duplex

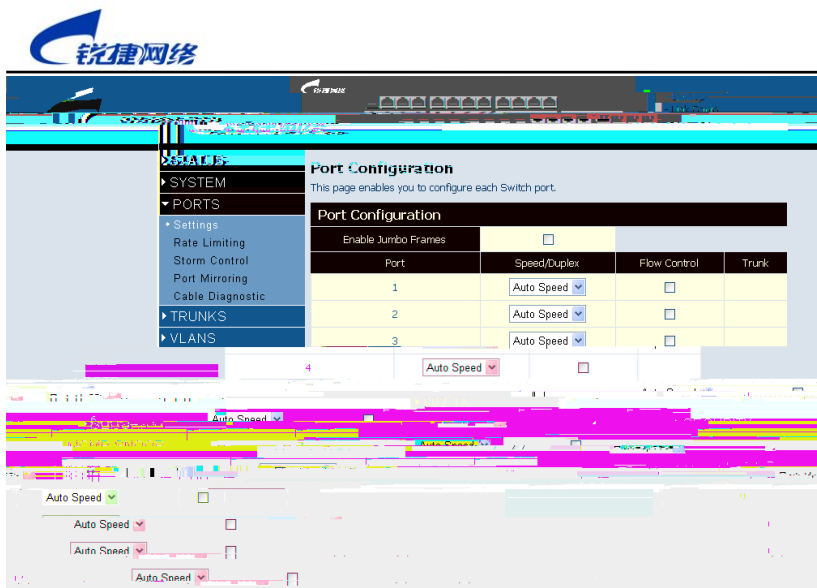
Flow Control

Trunk

trunk

Web

PORTS, Settings



15

1.6.2 G!5B\$Eó s6Ñ

/

trunk

Rate Unit

Port

Port Speed

24

Enable Input Rate Limiting

Input Limit

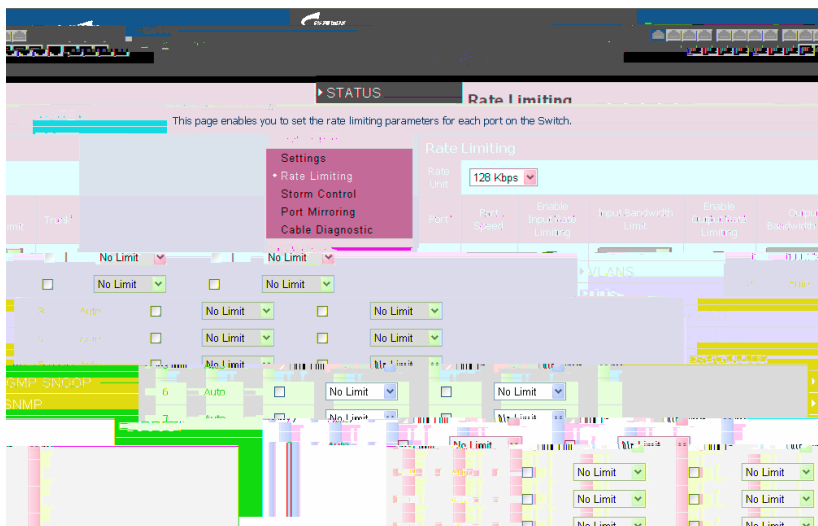
Enable Output Rate Limiting

Output Limit

Trunk

Trunk

Web - PORTS, Rate Limiting



16

1.6.3 配置命令

threshold

threshold

Type

ICMP

Enable Broadcast Storm Control

Rate(number of frame per second)

Web PORTS, Broadcast Control





18

1.6.5 4“4ÚÁŽ •

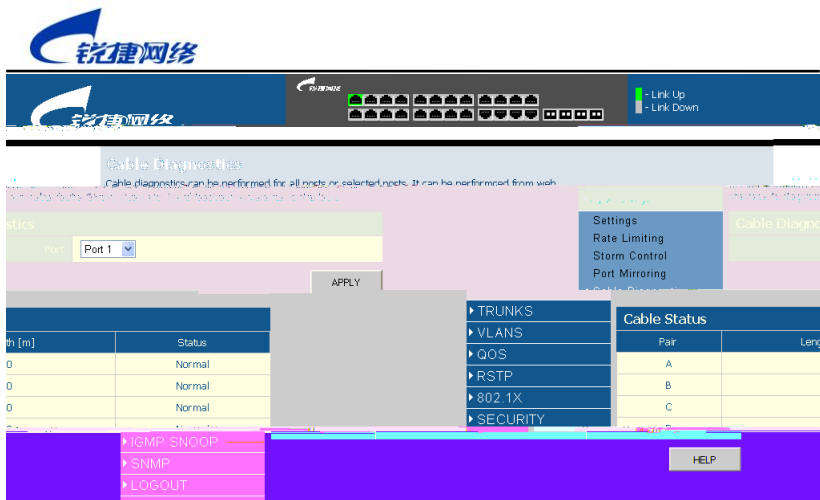
web

Cable Diagnostics

Cable Status

5

Web PORTS, Port Mirroring.



19

1.7 TRUNKS

1.7.1 Trunk ä ,

8 trunks 8
9

trunk

Port

Not a Trunk Member

trunk

Trunk T1-T8

8 trunk

trunk

Web TRUNKS, Membership

Trunk

29



20 Trunk

1.7.2 Trunk A'5B

Trunk	Trunk ID	
Speed/Duplex		trunk
	trunk	



Trunk Configuration

This page enables you to configure each Trunk configured on the Switch.

Port Configuration			
Trunk	Speed/Duplex	Flow Control	Ports
Trunk	Auto Speed v	☒	Trunk

21 Trunk

1.7.3 Trunk L\$Eó

trunk

Rate Unit

Trunk Trunk ID

Trunk Speed trunk

Enable Input Rate Limiting Trunk

Input Limit

Enable Output Rate Limiting Trunk

Output Limit

Ports Trunk

Web TRUNKS, Rate Limiting

Rate Limiting

This page enables you to set the rate limiting parameters for each Trunk configured on the Switch.

Rate Limiting

Rate Unit: 128 Kbps

Rate Limit (Kbps)	Enable Output Rate Limiting	Output Limit (Kbps)	Port	Trunk	Trunk Speed	Enable Input Rate Limiting	Input Limit (Kbps)
128	☒	128	24/25	T1	1000	☒	128

22 Trunk

1.7.4 LACP A'5B

LACP

LACP IEEE 802.3ad Link Aggregation Protocol

Port

Enabled

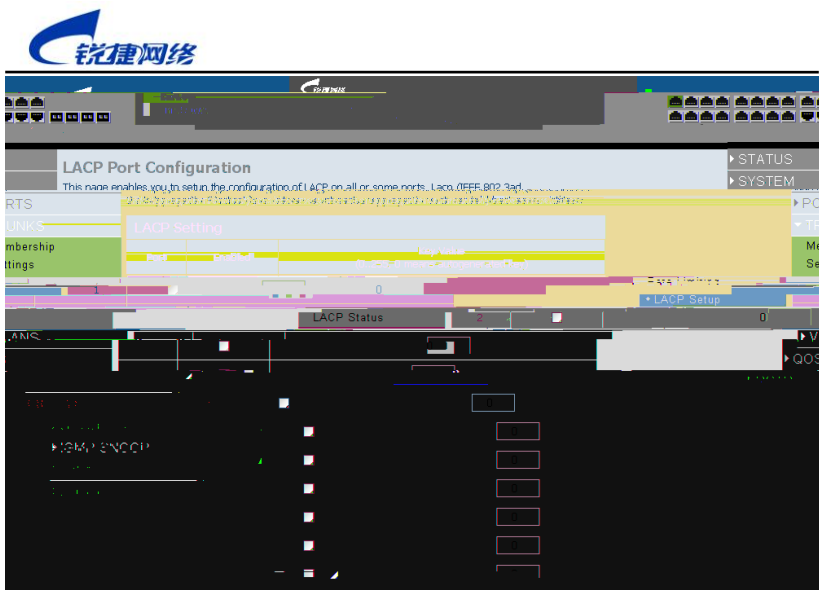
LACP

Key Value

Key

Web

TRUNKS, Settings.



23 LACP

1.7.5 LACP (Š Ő

LACP

LACP Aggregation

LACP Aggregation

LACP

Normal

LACP

LACP

LACP

Partner MAC Address MAC

Local Ports Aggregated LACP

Seconds Since Last Change LACP

LACP Port Status

LACP

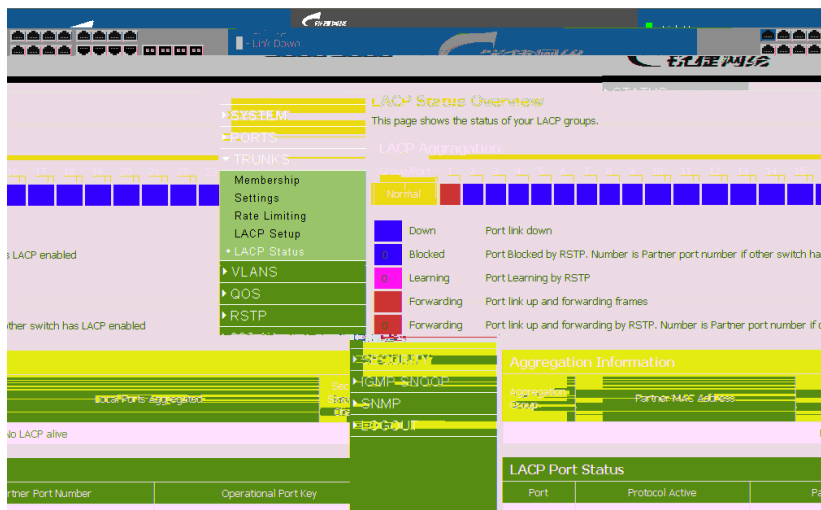
Port ID.

Port Active LACP

Partner Port Number ID

Operational Port Key LACP Key

Web TRUNKS, LACP Status.



The screenshot shows the 'LACP Status Overview' page in a Ruijie network management interface. The page includes a navigation menu on the left with options like System, LACP, TRUNKS, Membership, Settings, Rate Limiting, LACP Setup, LACP Status, VLANs, QOS, and RSTP. The main content area displays 'LACP Aggregation' with a status bar showing 'Normal' and a legend for port states: Down (blue), Blocked (red), Learning (yellow), Forwarding (green), and Forwarding by RSTP (orange). Below this, there is a table for 'Aggregation Information' with columns for 'Aggregation Group' and 'Partner MAC Address'. At the bottom, there is a table for 'LACP Port Status' with columns for 'Port', 'Protocol Active', and 'Pa'. The interface also shows various status indicators and links for further configuration.

24 LACP

34

1.8 VLAN A'5B

VLAN	VLAN	PVID
	VLAN	VLAN

1.8.1 VLAN ä ,4~

VLAN	VLAN
------	------

VLAN	VLAN
------	------

VLAN 1

VLAN 1

port vlan id(PVID) 1

VLAN TAG,UNTAG

PC

3

VLAN ID(VLAN

Membership),PVID,Packet Type

Add VLAN Group

VLAN

VLAN ID

VLAN

VLAN Group List

VLAN

Web

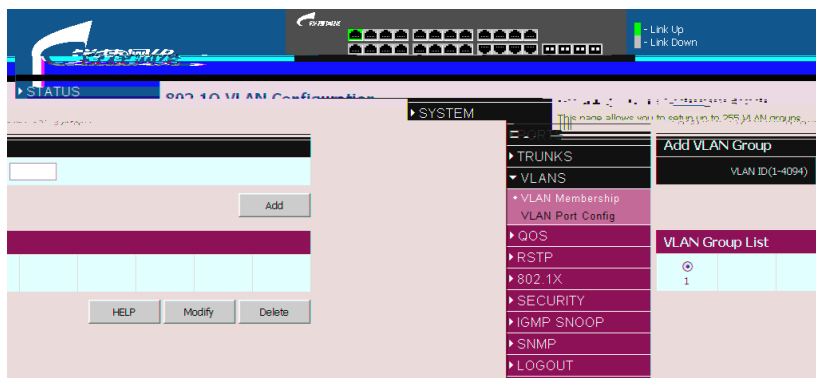
VLANS, VLAN Membership

Add VLAN Group

VLAN ID

VLAN

Add



25 VLAN

802.1Q VLAN Group

VLAN

APPLY.

VLAN Group List

VLAN,

Modify



26 VLAN

1.8.2 VLAN 0~G15B

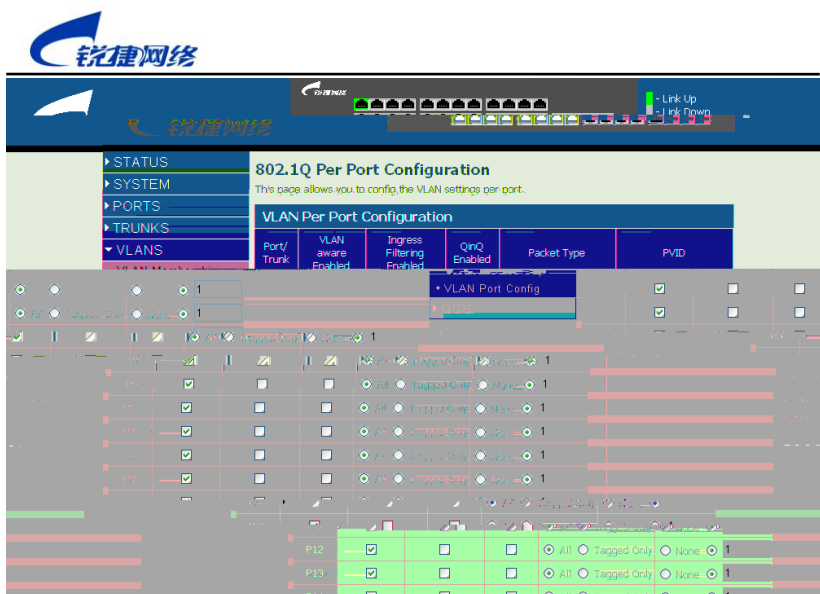
VLAN

Port/trunk	trunk	ID	
VLAN Awareness	VLAN aware		VLAN
TAG,	VLAN TAG	PVID	VLAN unaware
		VLAN TAG	
QinQ		VLAN unaware	trunk
	VLAN aware		
QinQ	QinQ	1526bytes	
	tag		
QinQ			

QinQ

VLAN

	WAN	QinQ	
Packet Type		ALL	tagged
untagged		VLAN	
Tagged	tagged		VLAN
		ALL	untagged
	PVID	TAG	All
Tagged			



27 VLAN

1.9 QoS A'5B

1.9.1 QoS A'5B

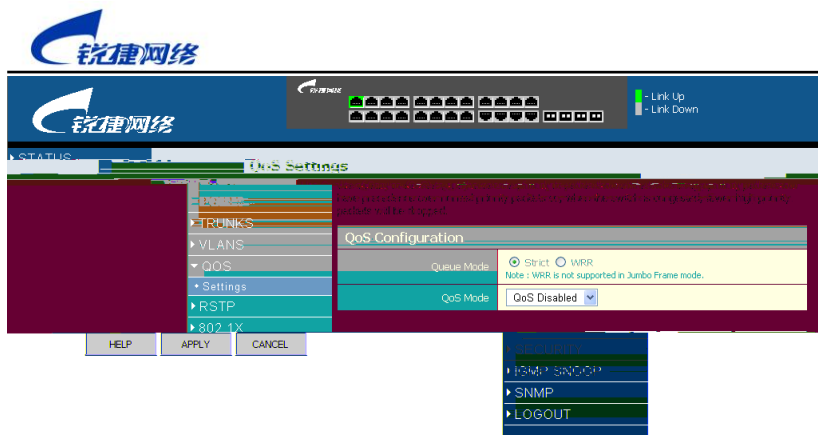
QoS

QoS

QoS

IP

802.1p tag



28 QoS

1.10 RSTP

RSTP

1.10.1 RSTP A'5B

System Priority

MAC

0-61440

4096

16

Hello Time

BPDU

1-10

2

Max Age

Forward Delay

4-30 15

Force Version

RSTP Normal

RSTP

Compatible STP

RSTP Port Configuration

Port ID

trunk

Enabled

/

RSTP

Edge

STP

Path Cost

STP



29 RSTP

1.10.2 RSTP (Š Ů)

RSTP

Hello Time

P2p Port Yes

STP

Protocol

RSTP STP.

Port State

System setting

Mode	802.1x		
RADIUS IP	RADIUS	IP	
RADIUS UDP Port	RADIUS	UDP	
RADIUS Secret	RADIUS		
Reauthentication Enabled			

Reauthentication Period

EAP timeout

Port Setting

Port	ID
------	----

Admin State

Auto	802.1x
	802.1x

Force-Authorized

802.1x

Force-Unauthorized

802.1x

Port State

Reset

Re-Authenticate

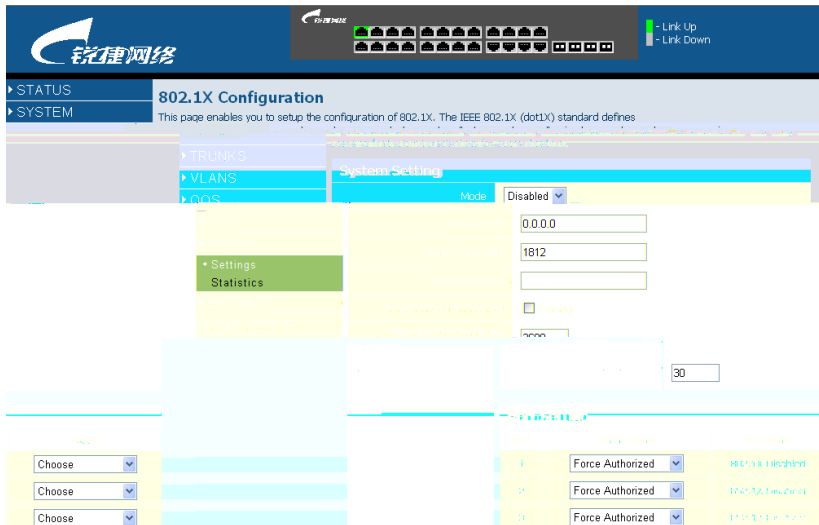
Force-Reinitialize

IEEE802.1x

“

”

Web 802.1X Settings.



31 802.1x

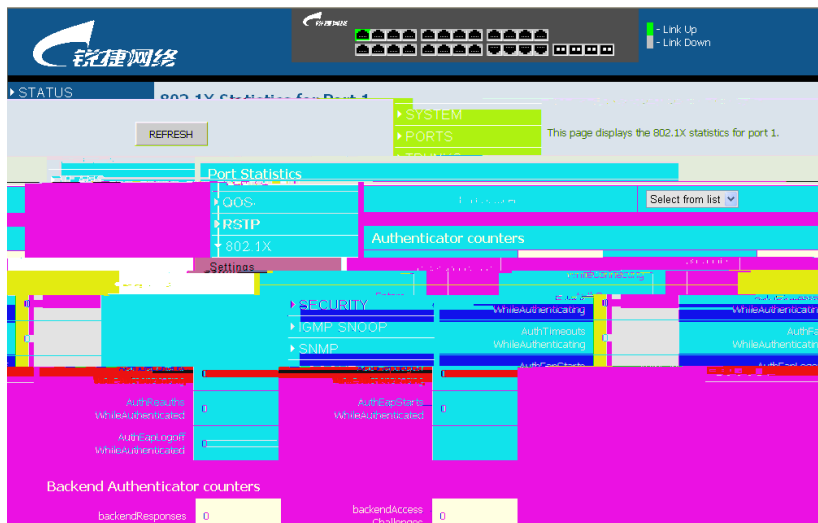
1.11.2 802.1x

Authenticator counters -

Backend authenticator counters -

Dot1x MIB counters - 802.1x MID

Web 802.1X Statistics.



32 802.1x

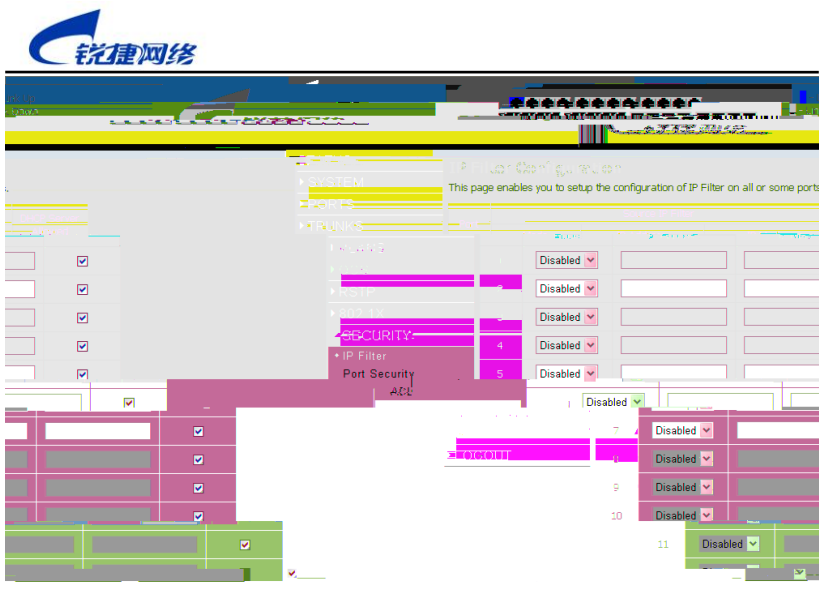
Port

Source IP Filter

IP

IP

IP



33 IP

1.12.2 0Ã ·] <

MAC

MAC

MAC

MAC

MAC

MAC

Port

Allowed number of Learned MAC addresses

MAC

No Limit

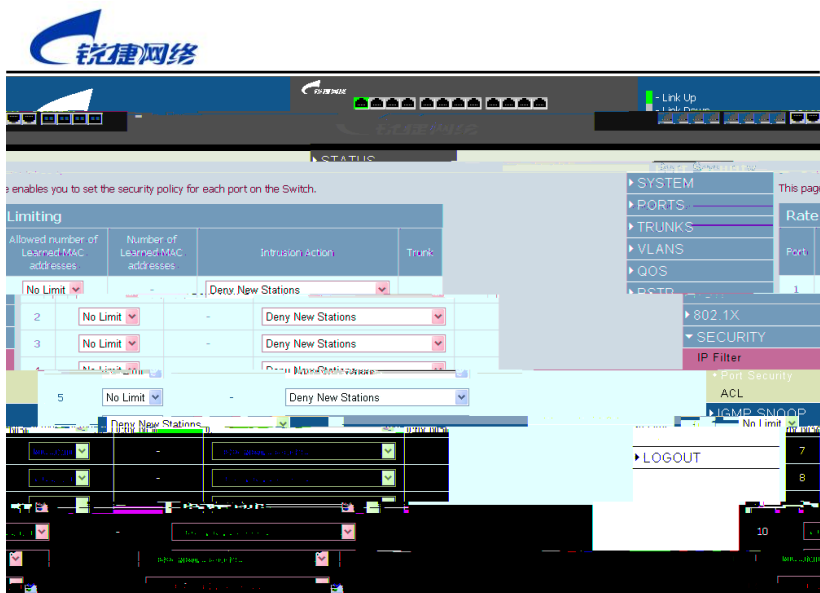
MAC

8/7/6/5/4/3/2/1

MAC

0

MAC



34

1.12.3 ACL

8 IP

IP

WEB

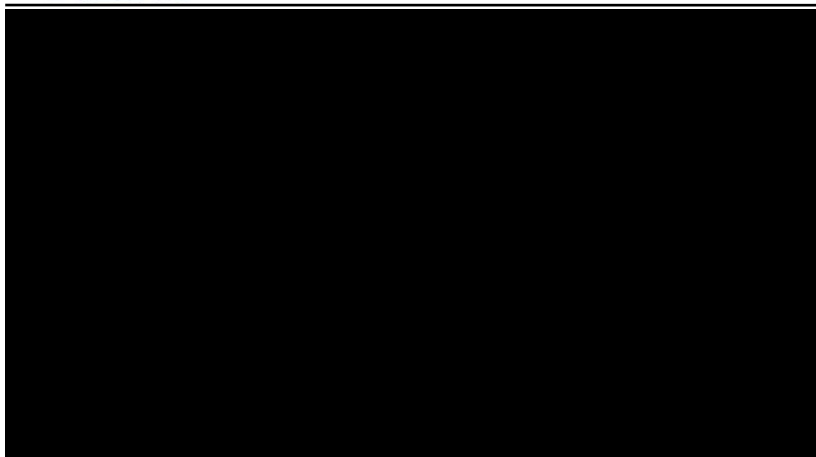
SNMP

IP

IP

Web

Security, ACL.



35 ACL

1.13 IGMP z

IGMP Snoop

IGMP

1.13.1 IGMP z G!5B

IGMP Snooping Configuration

IGMP Enabled

Router Ports

IGMP

Unregistered IPMC Flooding enabled

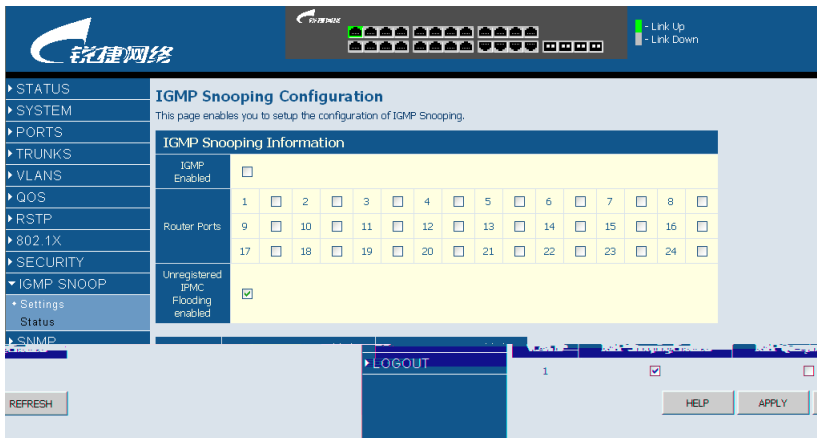
IP

VLAN ID - VLAN ID

IGMP Snooping Enabled

IGMP Querying Enabled

Web IGMP Snoop, Settings.



IGMP Snooping Information																																																	
IGMP Enabled	☐																																																
Router Ports	<table border="1"><tr><td>1</td><td>☐</td><td>2</td><td>☐</td><td>3</td><td>☐</td><td>4</td><td>☐</td><td>5</td><td>☐</td><td>6</td><td>☐</td><td>7</td><td>☐</td><td>8</td><td>☐</td></tr><tr><td>9</td><td>☐</td><td>10</td><td>☐</td><td>11</td><td>☐</td><td>12</td><td>☐</td><td>13</td><td>☐</td><td>14</td><td>☐</td><td>15</td><td>☐</td><td>16</td><td>☐</td></tr><tr><td>17</td><td>☐</td><td>18</td><td>☐</td><td>19</td><td>☐</td><td>20</td><td>☐</td><td>21</td><td>☐</td><td>22</td><td>☐</td><td>23</td><td>☐</td><td>24</td><td>☐</td></tr></table>	1	☐	2	☐	3	☐	4	☐	5	☐	6	☐	7	☐	8	☐	9	☐	10	☐	11	☐	12	☐	13	☐	14	☐	15	☐	16	☐	17	☐	18	☐	19	☐	20	☐	21	☐	22	☐	23	☐	24	☐
1	☐	2	☐	3	☐	4	☐	5	☐	6	☐	7	☐	8	☐																																		
9	☐	10	☐	11	☐	12	☐	13	☐	14	☐	15	☐	16	☐																																		
17	☐	18	☐	19	☐	20	☐	21	☐	22	☐	23	☐	24	☐																																		
Unregistered IPMC Flooding enabled	☒																																																

36 IGMP Snooping

1.13.2 IGMP (Š Ů

IGMP

VLAN ID - VLAN ID

Querier Querying

Queries transmitted

Queries received

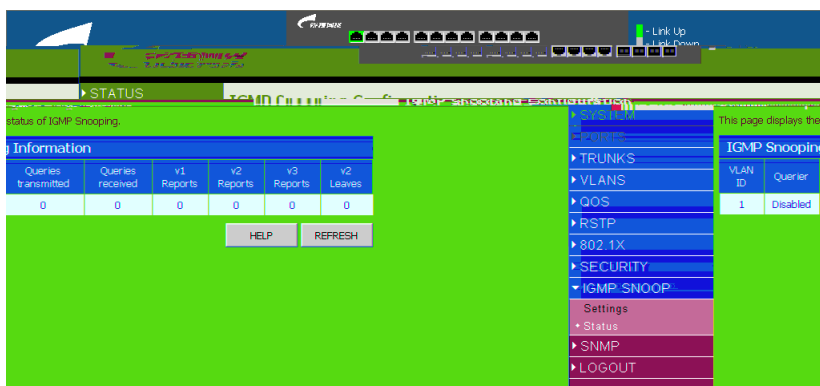
v1 Reports v1

v2 Reports - v2

v3 Reports - v3

v3 Leave v3

Web IGMP Snoop Status.



The screenshot shows the 'STATUS' page for IGMP Snooping. The main content area displays the following information:

Queries transmitted	Queries received	v1 Reports	v2 Reports	v3 Reports	v2 Leaves
0	0	0	0	0	0

Below the table are 'HELP' and 'REFRESH' buttons.

The right-hand sidebar contains a list of configuration options: TRUNKS, VLANs, QOS, RSTP, 802.1X, SECURITY, IGMP SNOOP, Settings, Status, SNMP, and LOGOUT. The 'IGMP SNOOP' section is expanded, showing a table with the following data:

VLAN ID	Querier
1	Disabled

37 IGMP

1.14 SNMP



SNMP Trap Destination trap IP trap
SNMP trap

destination trap IP

SNMP Read Community SNMP
MIB

SNMP Write Community
MIB

SNMP Trap Community

Web IGMP Snoop Status.

38 SNMP

1.15 LOGOUT

1. +>(Š

LED

2. +>(Š

link LED

5 10/100 Mbps
5 5e 1000 Mbps
100 328

3. -A,, š-Ů

1.

2.

3. 1 2.

4.

5. 40 1 2

“ admin ”

192.168.2.10

