



RG-S1924GT

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©2007

RGNOS® ®  ®
 ®  ®
à

RG-S1924GT

20 1000BASE-T

4

Combo

48Gigabits

1.1 (M û ` ì&•

Web

IP

1 PC

2 PC
PC

3 IP 192.168.2.10
255.255.255.0 PC IP
192.168.2.xx 4

4 PC IP web
<http://192.168.2.10> PC

5 PC 3
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

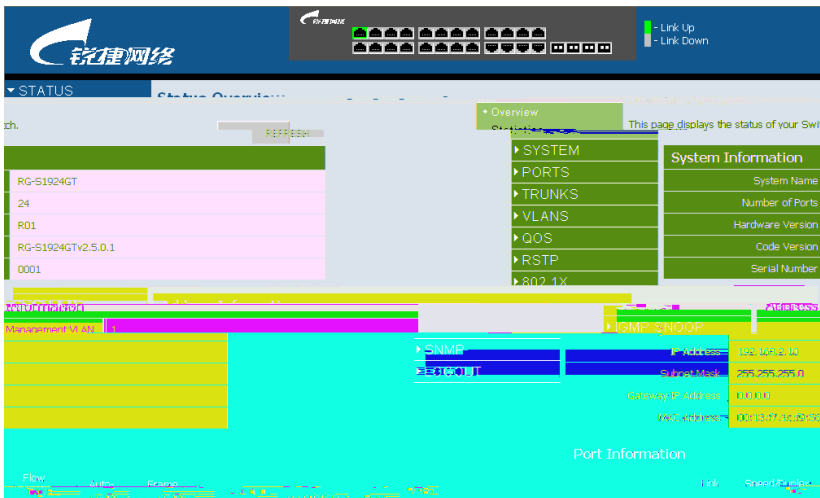
Web

“ admin”

5

1.3.1 NI

Web



1

1.3.2 G!5BEÝNM

Apply

WEB

1 WEB

Apply	
Cancel	Apply
Help	Web

1. " " /Internet / / Internet
/ " " " "

2. Internet Explorer5.0
refresh

1.3.3 M6 S /

Web

1.3.4 9°)

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	

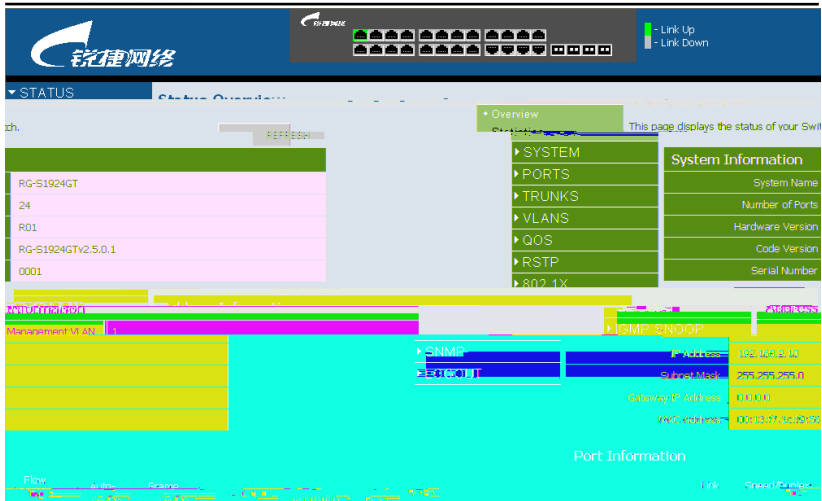
PORTS	
Settings	
Rate Limiting	
Port Mirroring	
Cable Diagnostic	
TRUNKS	
Membership	trunk
Settings	
Rate Limiting	
LACP Setup	
LACP Status	LACP
VLANS	
VLAN Membership	VLAN
VLAN Port Config	VLAN
QoS	
Settings	
RSTP	
RSTP Setting	RSTP
RSTP Status	RSTP
802.1x	
802.1x Setting	802.1x



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 Ő EÄ



3

System Name ---

Number of Ports ---

Hardware Version ---

Code Version ---

Serial Number ---

Management VLAN --- VLAN

VLAN1

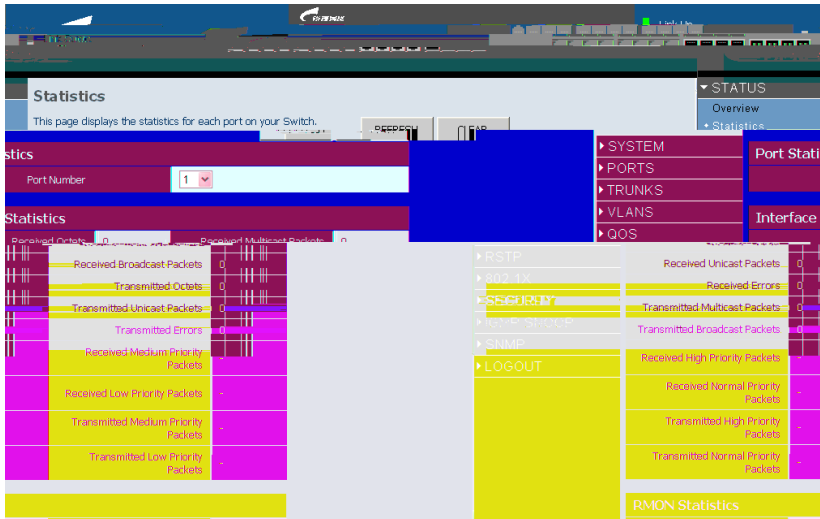
VLAN VLAN IP

1.4.2 / 0A-43Au

60

" CLEAR "

" REFRESH "



4

3

Interface Statistics	



Received Octets	
Received Unicast Packets	
Received Errors	

Transmitted Multicast Packets



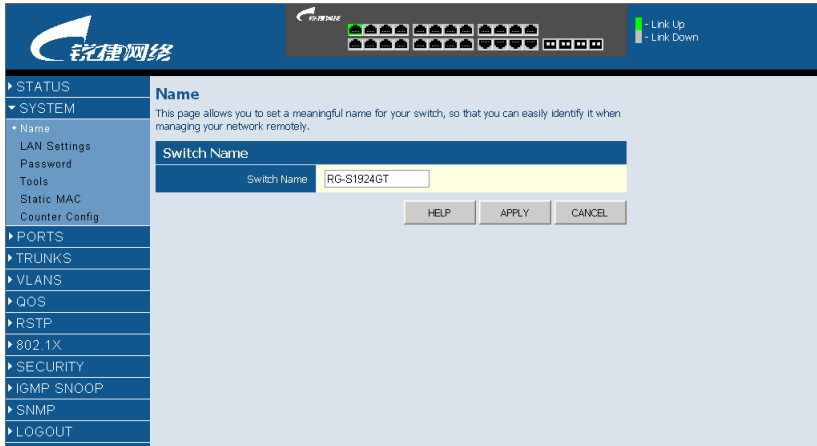
Multicast Frames

1.5 2i4³

1.5.1 / 2i4³ á/Ä

Switch Name —

Web - System Name



The screenshot shows the Ruijie web management interface. At the top, there is a navigation bar with the Ruijie logo and a status indicator for 'Link Up' and 'Link Down'. Below the navigation bar is a sidebar menu with the following items: STATUS, SYSTEM (expanded), Name (selected), LAN Settings, Password, Tools, Static MAC, Counter Config, PORTS, TRUNKS, VLANS, QOS, RSTP, 802.1X, SECURITY, IGMP SNOOP, SNMP, and LOGOUT. The main content area is titled 'Name' and contains the following text: 'This page allows you to set a meaningful name for your switch, so that you can easily identify it when managing your network remotely.' Below this text is a form with a label 'Switch Name' and an input field containing the text 'RG-S1924GT'. At the bottom of the form are three buttons: 'HELP', 'APPLY', and 'CANCEL'.

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

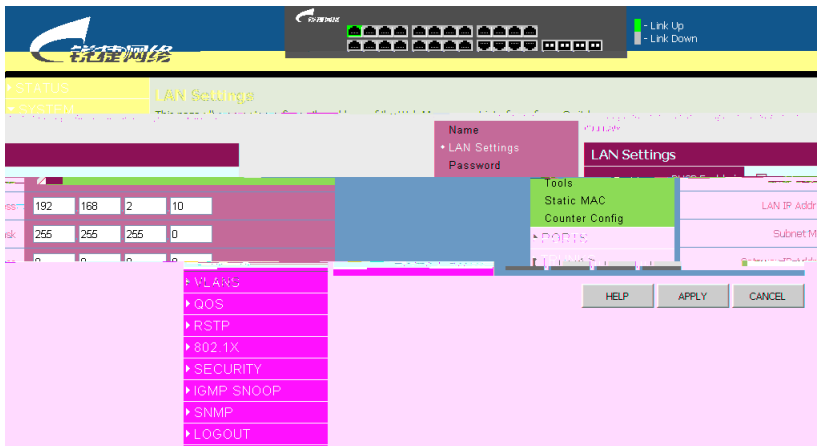
IP

Web

System, LAN Settings,

IP

APPLY



6 LAN



1.5.4 1 K

APPLY



10

▷ ô / ßEQG!5B

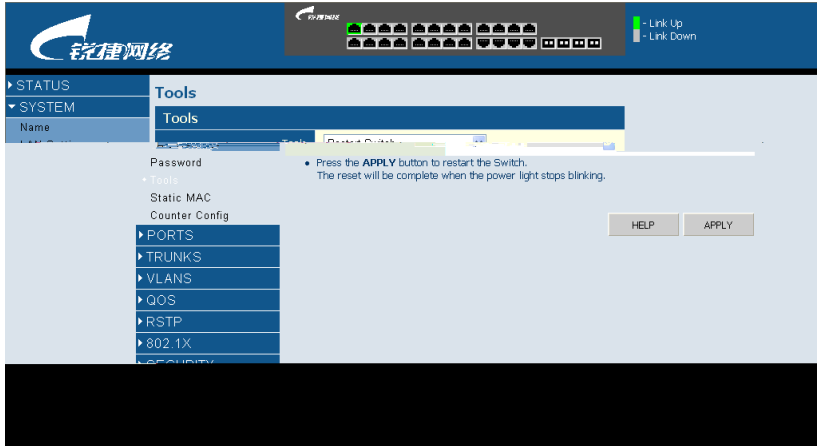
Web È SYSTEM, Tools, Upload/Download Configuration.

"Upload" "Download"

Web

System, Tools, Restart Switch

APPLY





Modify

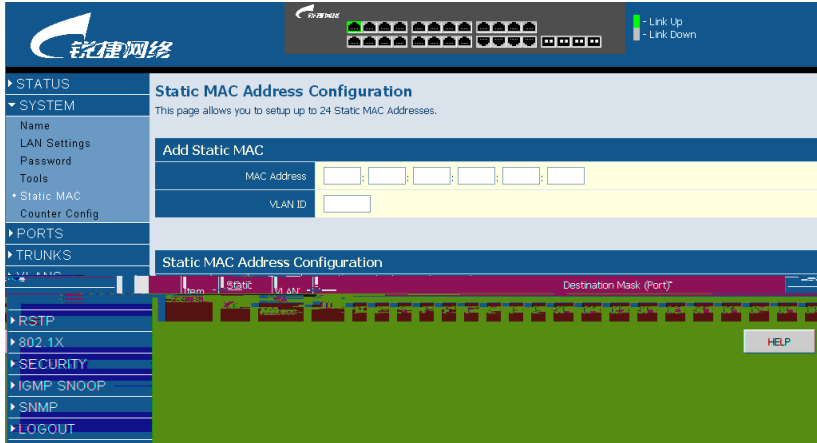
Delete

MAC

Modify

Destination Mask

Web System, Static MAC.



13 MAC

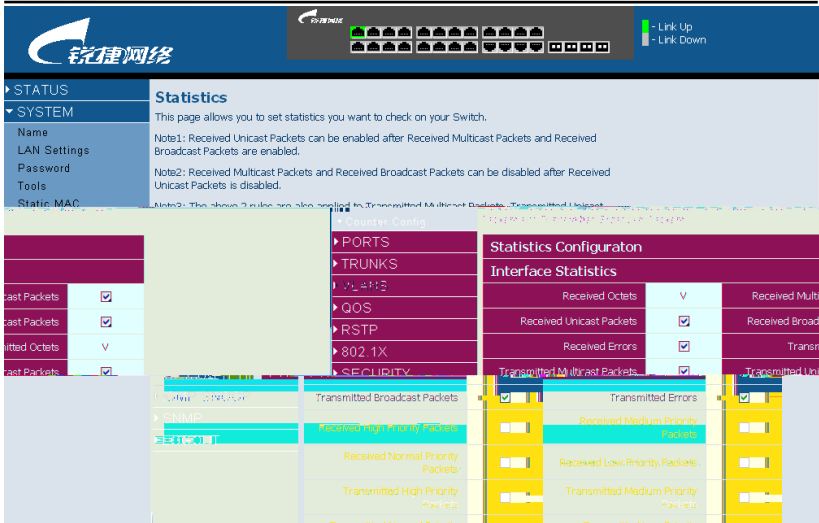
1.5.6 4³AuG!5B

5 5 1

1

2

3



14

1.6 0Ã .

1.6.1 0Ã -A'5B

Speed/Duplex

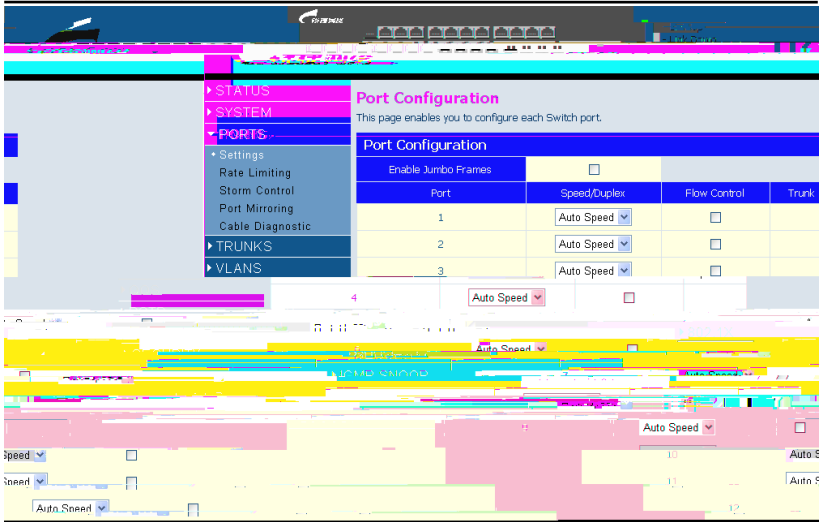
Flow Control

Trunk

trunk

Web

PORTS, Settings



15

1.6.2 G15B \$Eó s6Ñ

/

trunk

Rate Unit

Port

Port Speed

24

Enable Input Rate Limiting

Input Limit

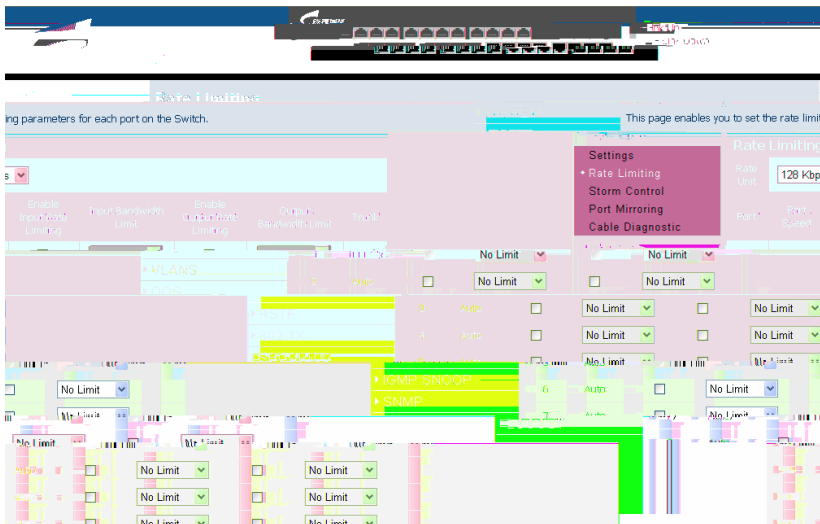
Enable Output Rate Limiting

Output Limit

Trunk

Trunk

Web - PORTS, Rate Limiting



16

1.6.3 0Ã ·L Nç ^ {

threshold

threshold

Type

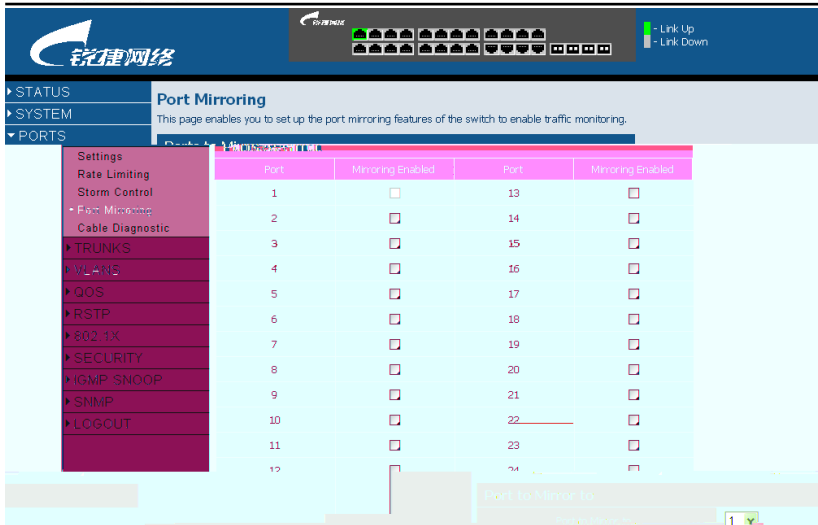
ICMP

Enable Broadcast Storm Control

Rate(number of frame per second)

Web PORTS, Broadcast Control





18

1.6.5 4“4ÚAž •

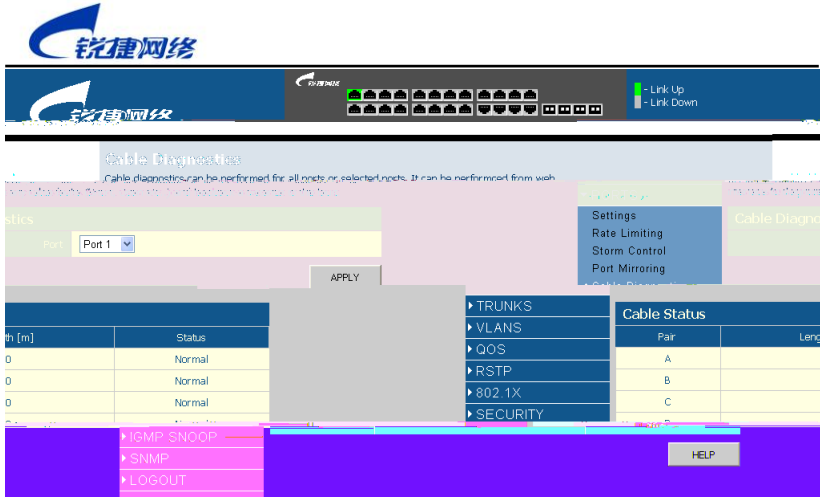
web

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

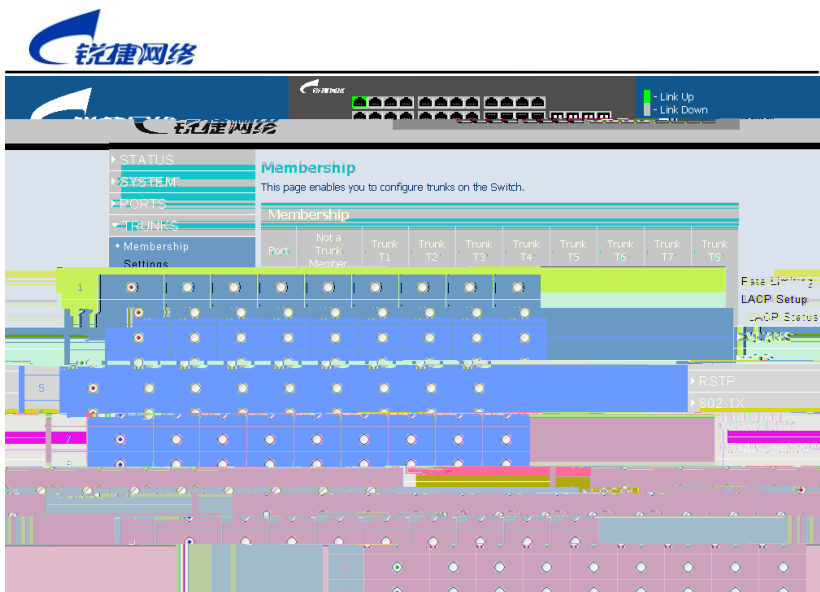
8 trunk

trunk

Web TRUNKS, Membership

Trunk

29



20 Trunk

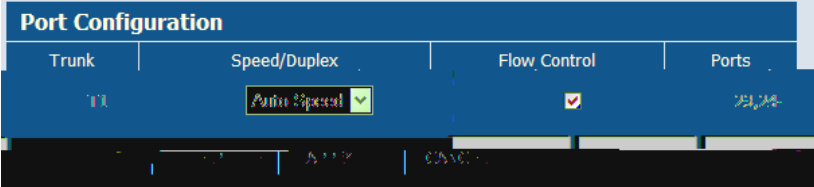
1.7.2 Trunk A'5B

Trunk	Trunk ID	
Speed/Duplex		trunk
	trunk	



Trunk Configuration

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



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 Limit (Kbps)	Enable Output Rate Limiting	Output Limit (Kbps)	Port	Trunk	Trunk Speed	Enable Input Rate Limiting	Input Limit (Kbps)
128	<input checked="" type="checkbox"/>	128	2024/04	T1	Auto	<input checked="" type="checkbox"/>	128

22 Trunk

1.7.4 LACP A'5B

LACP

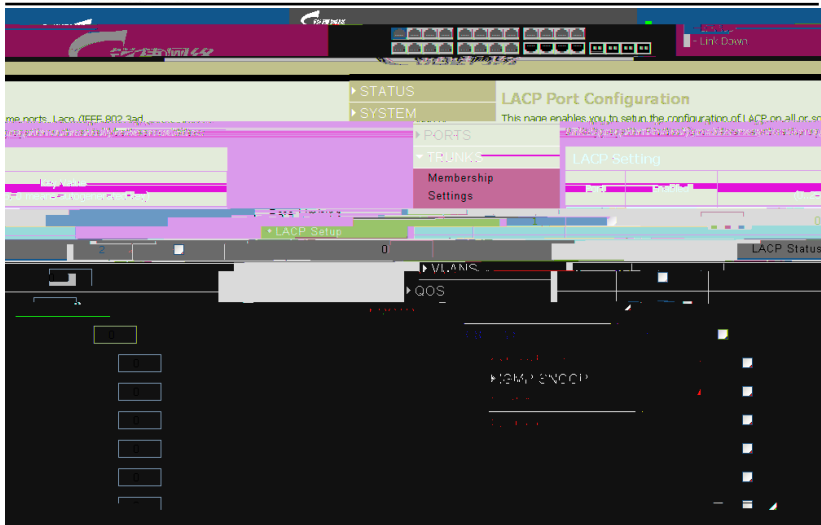
LACP IEEE 802.3ad Link Aggregation Protocol

Port

Enabled LACP

Key Value Key

Web TRUNKS, Settings.

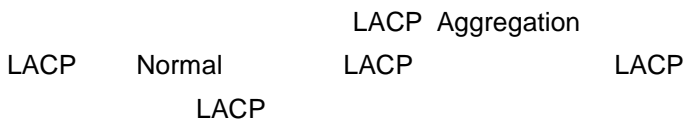


23 LACP

1.7.5 LACP (Š Ő)

LACP

LACP Aggregation



Partner MAC Address	MAC
Local Ports Aggregated	LACP
Seconds Since Last Change	LACP

LACP Port Status

LACP

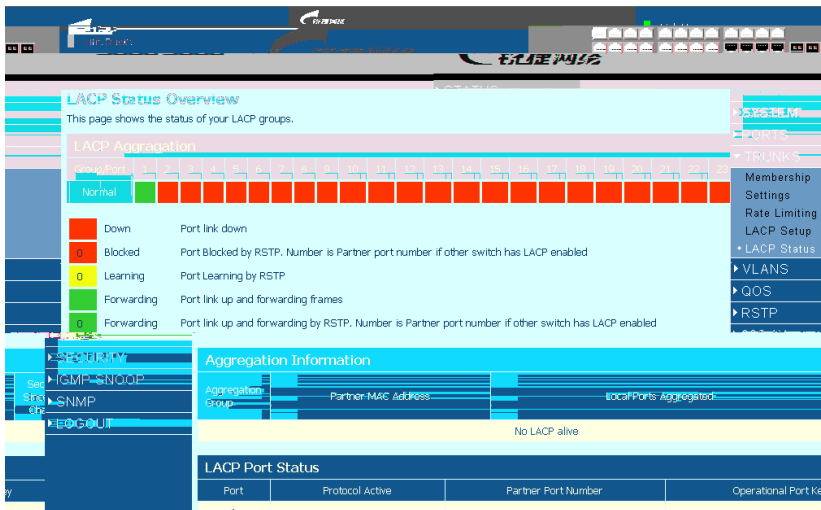
Port ID.

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 title is 'LACP Status Overview' and it states 'This page shows the status of your LACP groups.' Below this, there is a 'LACP Aggregation' section with a status bar showing 24 ports, all of which are in a 'Normal' state (indicated by red bars). A legend on the left explains the status colors: Red for 'Down' (Port link down), Orange for 'Blocked' (Port blocked by RSTP), Yellow for 'Learning' (Port Learning by RSTP), and Green for 'Forwarding' (Port link up and forwarding frames). Below the legend is an 'Aggregation Information' table with columns for 'Aggregation Group', 'Partner MAC Address', and 'Local Ports Aggregated'. The table shows 'No LACP alive'. At the bottom, there is a 'LACP Port Status' table with columns for 'Port', 'Protocol Active', 'Partner Port Number', and 'Operational Port Key'.

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

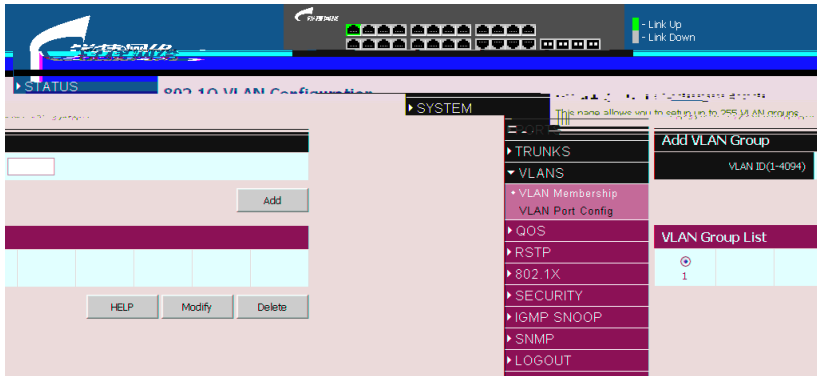
VLANS, VLAN Membership

Add VLAN Group

VLAN ID

VLAN

Add



25 VLAN

802.1Q VLAN Group

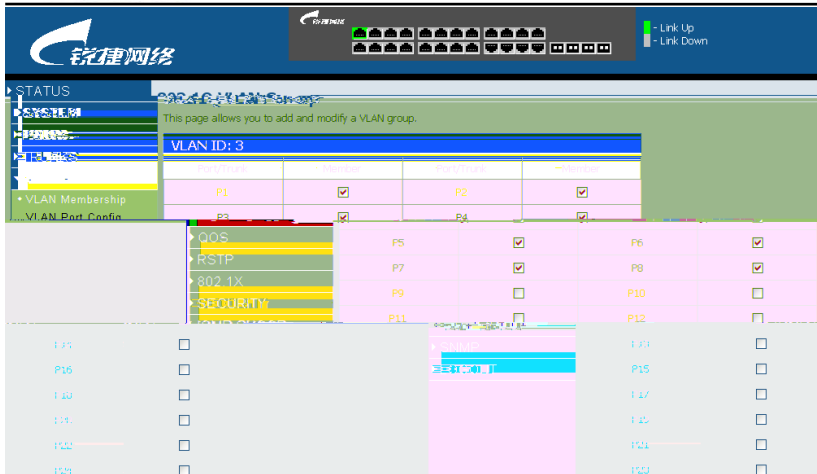
VLAN

APPLY.

VLAN Group List

VLAN,

Modify



26 VLAN

1.8.2 VLAN 0Ã·G15B

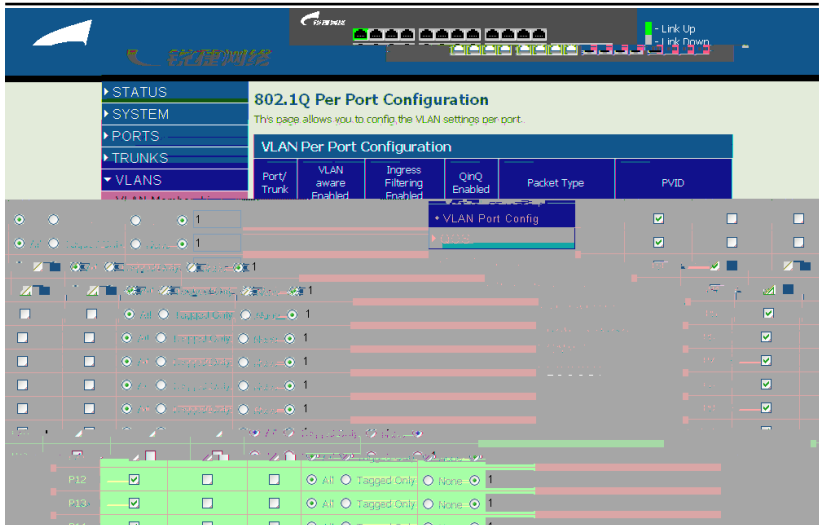
VLAN

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
Tagged			All



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

1-10	2
------	---

BPDU

Max Age

Forward Delay

4-30 15

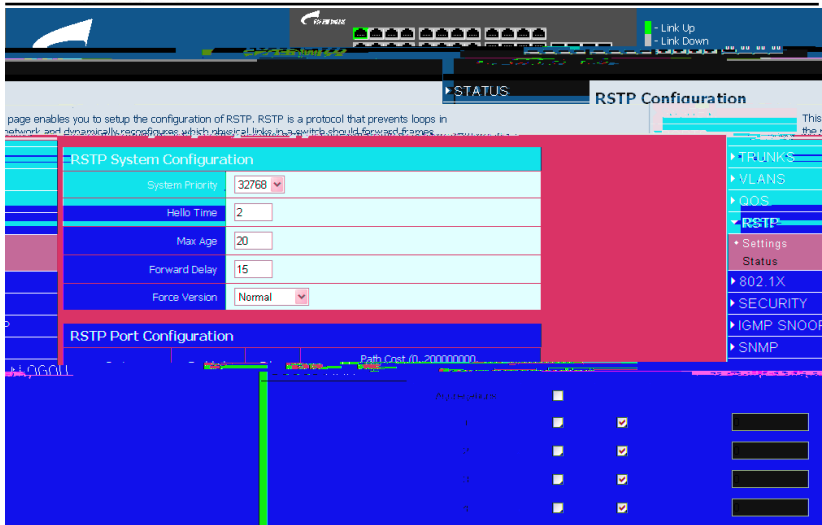
Force Version

RSTP Normal

RSTP

Compatible STP

STP Port Configuration**Port** ID trunk**Enabled** / RSTP**Edge** STP**Path Cost** STP



29 RSTP

1.10.2 RSTP (Š Ő

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

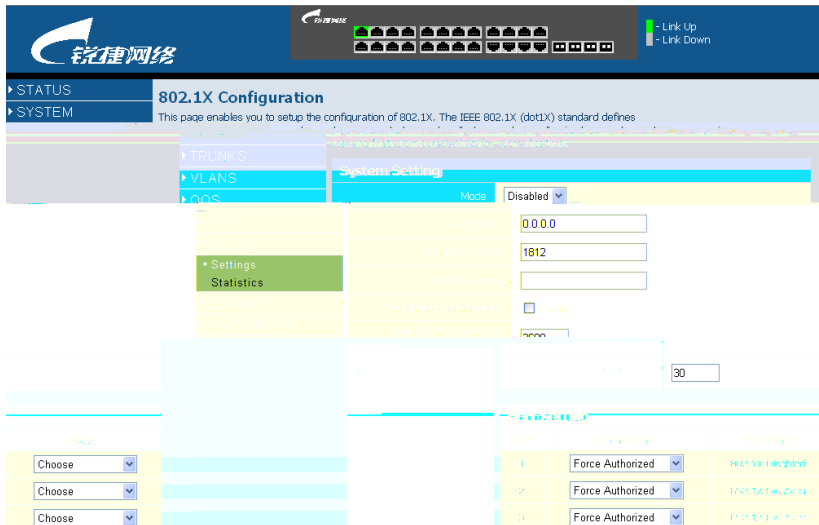
Re-Authenticate

Force-Reinitialize

IEEE802.1x

" "

Web 802.1X Settings.



The screenshot shows the Ruijie Network web management interface for 802.1X configuration. The top navigation bar includes 'STATUS' and 'SYSTEM'. The main content area is titled '802.1X Configuration' and includes a 'System Setting' section with a 'Mode' dropdown set to 'Disabled'. Below this, there are input fields for 'IP Address' (0.0.0.0), 'Port' (1812), and 'Timeout' (30). A table at the bottom lists three ports, each with a 'Force Authorized' dropdown and a 'REAUTH REQUIRED' status.

Port	Auth Mode	Auth Status
1	Force Authorized	REAUTH REQUIRED
2	Force Authorized	REAUTH REQUIRED
3	Force Authorized	REAUTH REQUIRED

31 802.1x

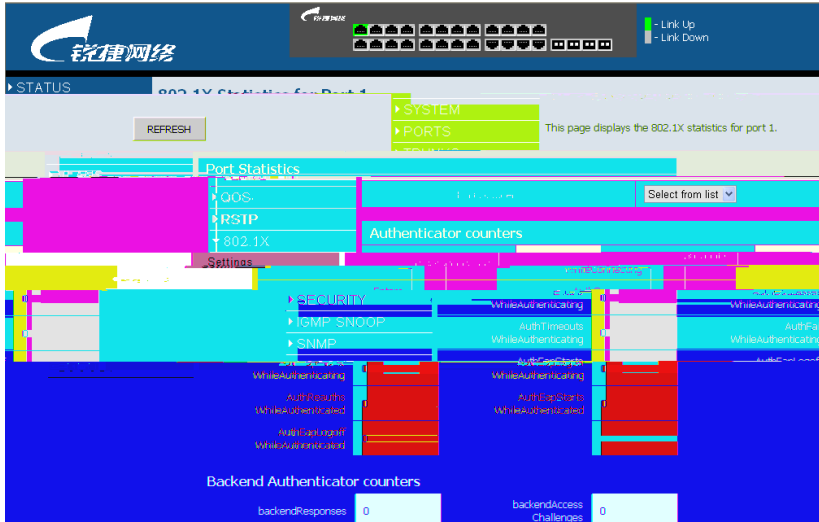
1.11.2 802.1x

Authenticator counters -

Backend authenticator counters -

Dot1x MIB counters - 802.1x MID

Web 802.1X Statistics.



32 802.1x

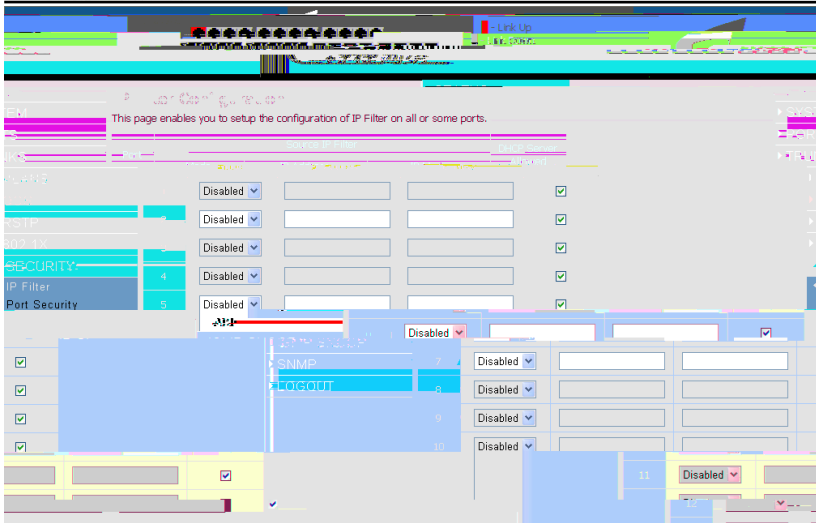
Port

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

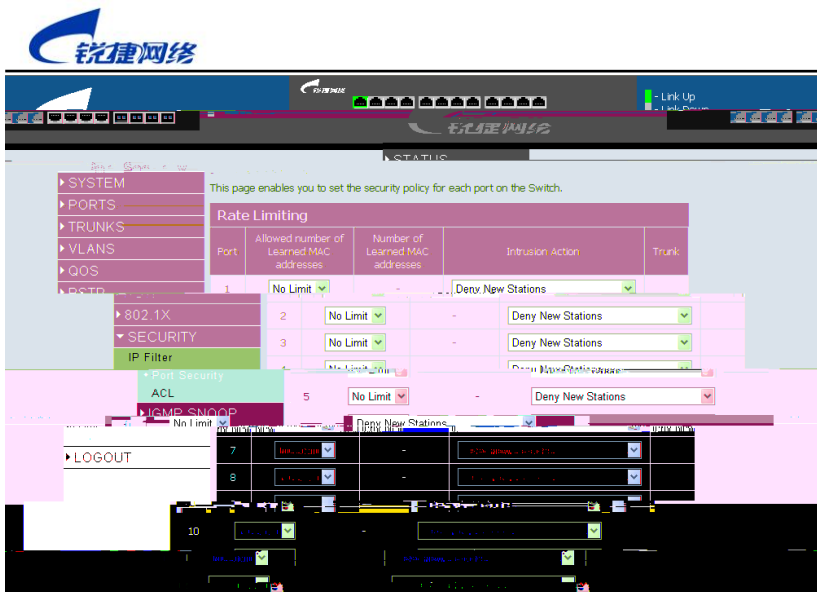
MAC

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

MAC

0

MAC



34

1.12.3 ACL

8 IP

IP

WEB

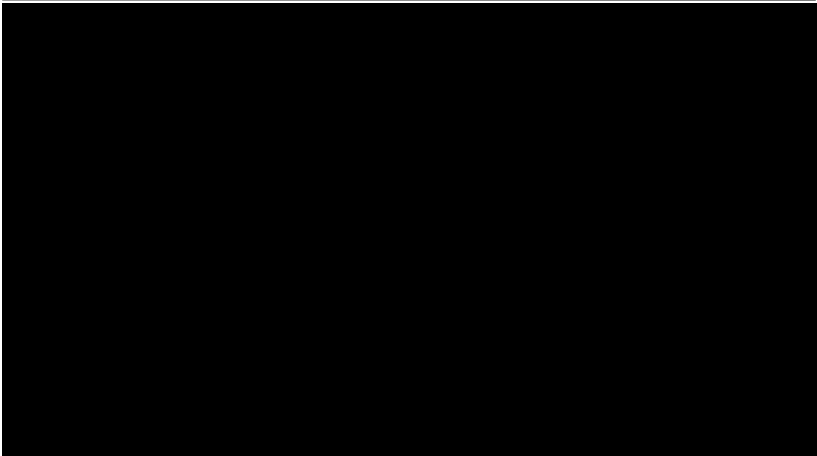
SNMP

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

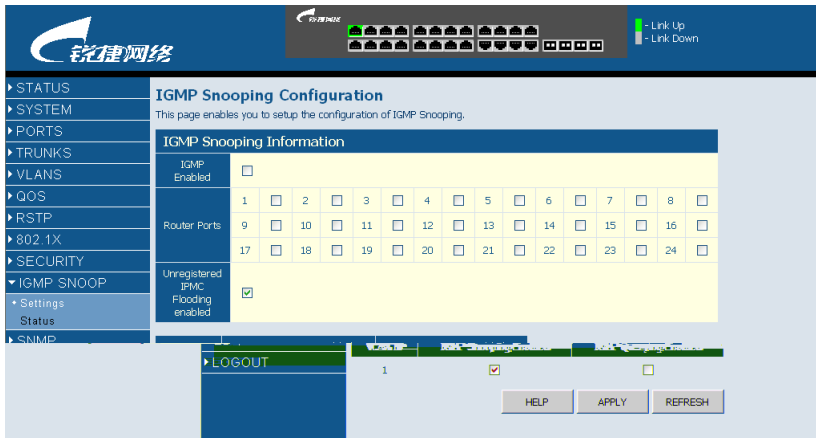
IGMP Snooping VLAN Configuration

VLAN ID - VLAN ID

IGMP Snooping Enabled

IGMP Querying Enabled

Web IGMP Snoop, Settings.



IGMP Snooping Configuration
This page enables you to setup the configuration of IGMP Snooping.

IGMP Snooping Information

IGMP Enabled	<input type="checkbox"/>																							
Router Ports	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	<input checked="" type="checkbox"/>																							

LOGOUT 1

HELP APPLY REFRESH

36 IGMP Snooping

1.13.2 IGMP (Š Ő)

IGMP

VLAN ID - VLAN ID

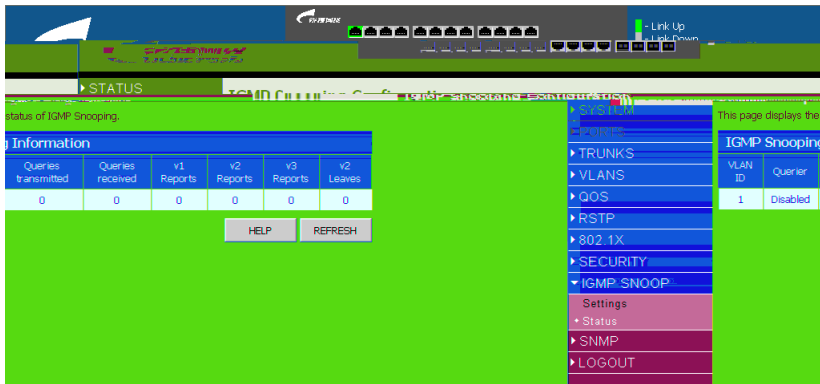
Querier Querying

Queries transmitted

Queries received

v1 Reports	v1
v2 Reports -	v2
v3 Reports -	v3
v3 Leave	v3

Web IGMP Snoop Status.



status of IGMP Snooping.

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

HELP REFRESH

This page displays the

VLAN ID	Querier
1	Disabled

37 IGMP

1.14 SNMP

SNMP Trap Destination trap IP trap
SNMP trap

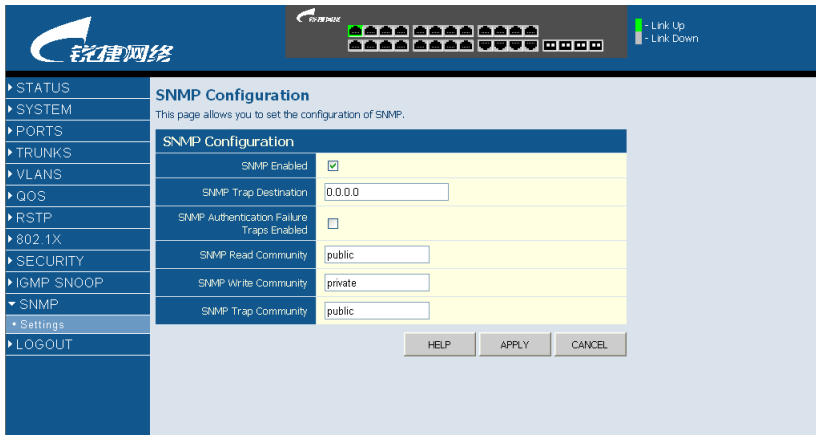
destination trap IP

SNMP Read Community SNMP
MIB

SNMP Write Community
MIB

SNMP Trap Community

Web IGMP Snoop Status.



The screenshot shows the SNMP Configuration page on a Ruijie network device. The page title is "SNMP Configuration" and it includes a navigation menu on the left with options like STATUS, SYSTEM, PORTS, TRUNKS, VLANS, QOS, RSTP, 802.1X, SECURITY, IGMP_SNOOP, SNMP (selected), Settings, and LOGOUT. The main content area contains the following configuration fields:

SNMP Configuration	
SNMP Enabled	<input checked="" type="checkbox"/>
SNMP Trap Destination	0.0.0.0
SNMP Authentication Failure Traps Enabled	<input type="checkbox"/>
SNMP Read Community	public
SNMP Write Community	private
SNMP Trap Community	public

At the bottom of the configuration area, there are three buttons: HELP, APPLY, and CANCEL.

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-Ō

- 1.
- 2.
3. 1 2.
- 4.
5. 40 1 2
" admin"
192.168.2.10

