



RG-S1924GT

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RGNOS® ®  ®
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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

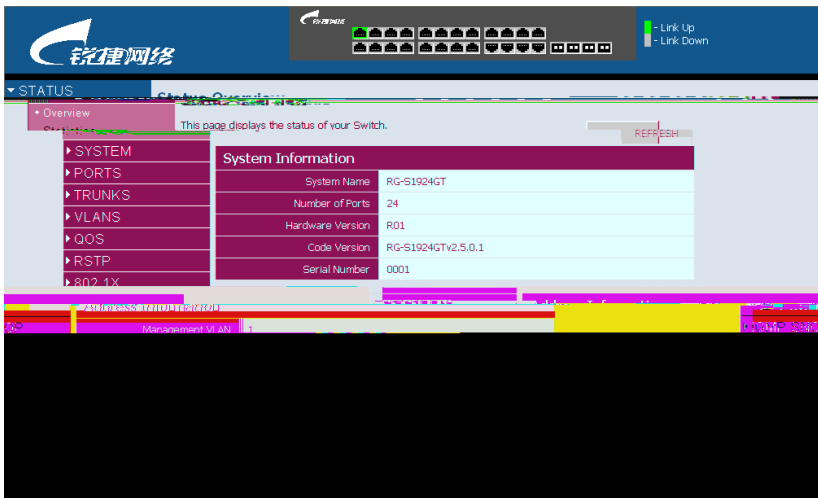
Web

“ admin”

5

1.3.1 简介

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	

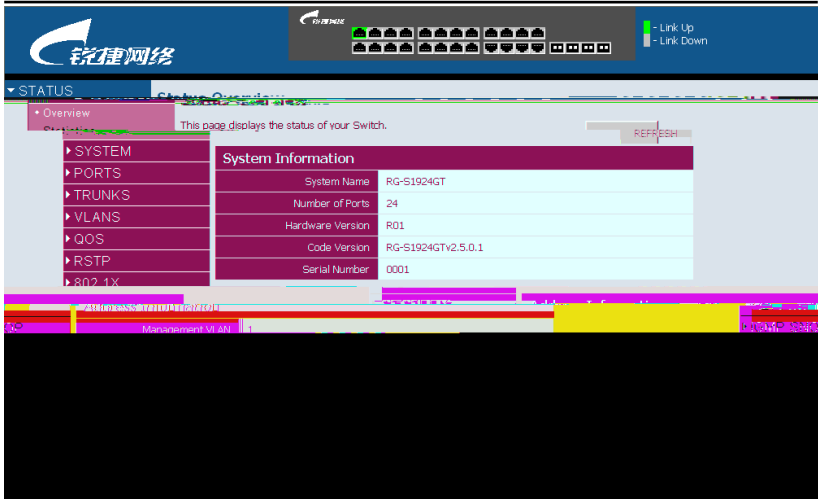
PORTS	
Settings	
Rate Limiting	
Port Mirroring	
Cable Diagnostic	
TRUNKS	
Membership	trunk
Settings	
Rate Limiting	
LACP Setup	
LACP Status	LACP
VLANS	
VLAN Membership	VLAN
VLAN Port Config	VLAN
QoS	
Settings	
RSTP	
RSTP Setting	RSTP
RSTP Status	RSTP
802.1x	
802.1x Setting	802.1x



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

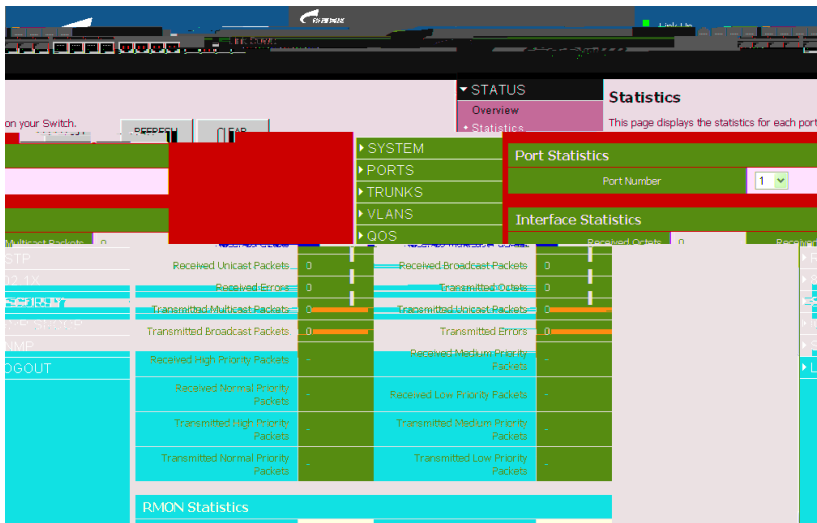
VLAN VLAN IP

1.4.2 / 0Ã ·4³Au

" CLEAR "

60

" REFRESH "



4

3

Interface Statistics	



Received Octets	
Received Unicast Packets	
Received Errors	

Transmitted Multicast Packets



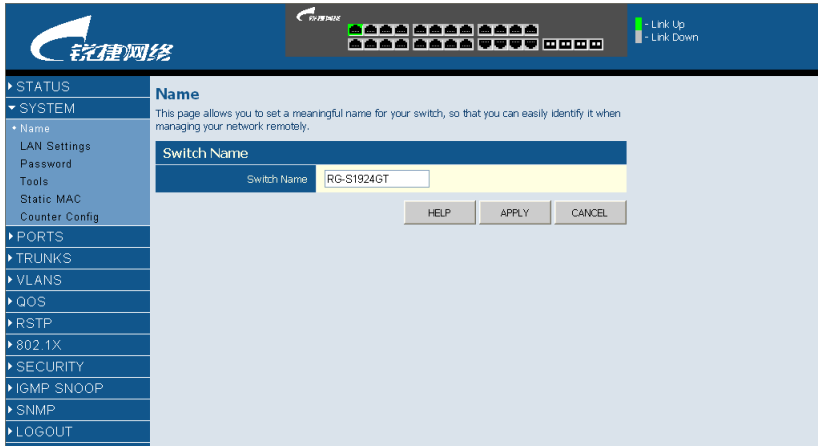
Multicast Frames

1.5 2i4³

1.5.1 / 2i4³ á/Ä

Switch Name —

Web - System Name



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

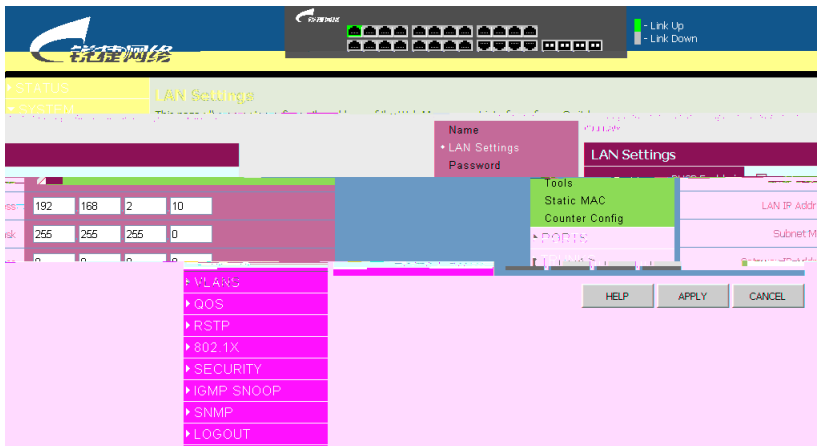
IP

Web –

System, LAN Settings,

IP

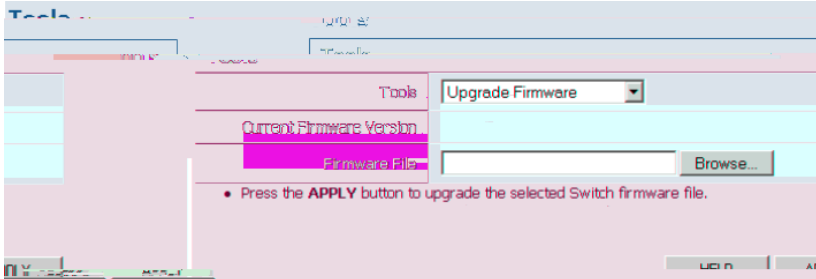
APPLY



6 LAN



APPLY



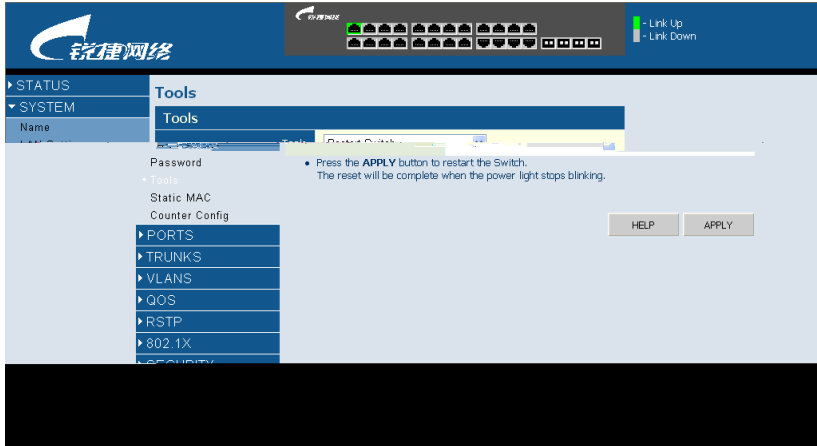
10

▷ ô / ßEQG!5B

Web – È SYSTEM, Tools, Upload/Download Configuration.

"Upload" "Download"

Web – System, Tools, Restart Switch APPLY





Modify

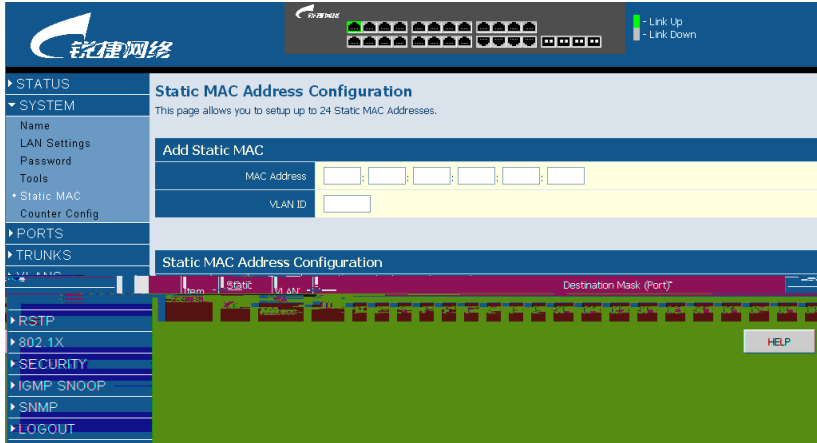
Delete

MAC

Modify

Destination Mask

Web – System, Static MAC.



13 MAC

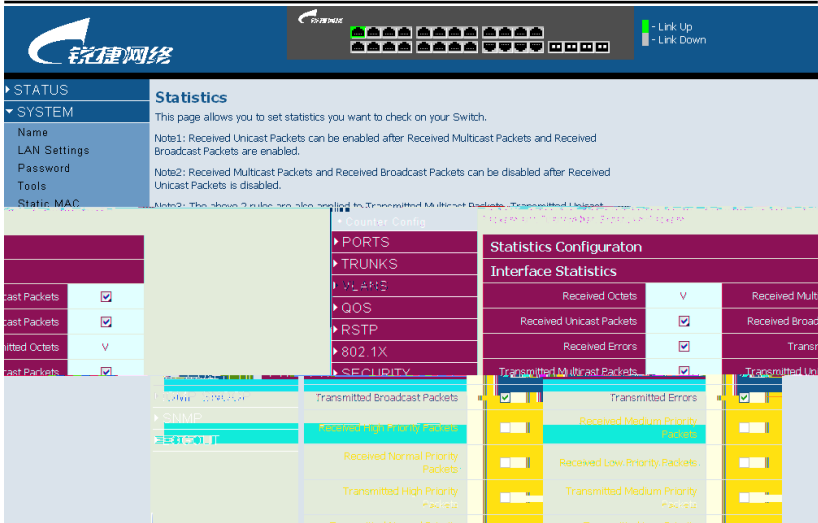
1.5.6 4³AuG!5B

5 5 1

1

2

3



14

1.6 0Ã .

1.6.1 0Ã -A'5B

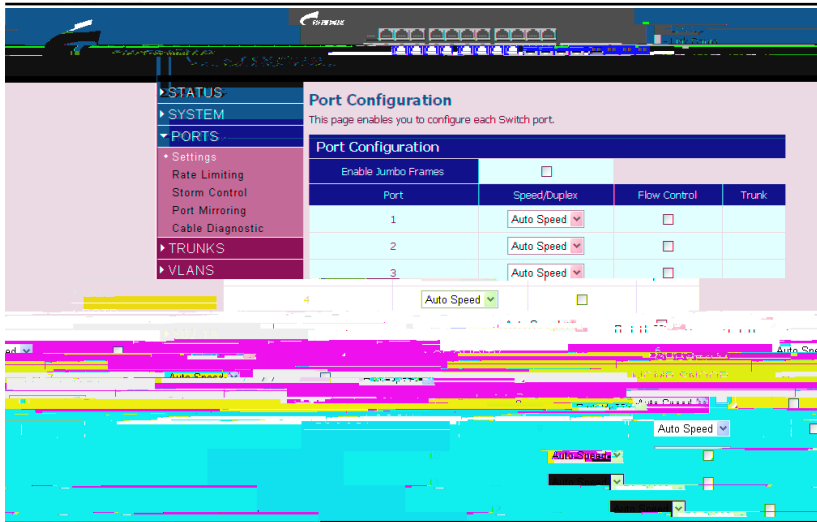
Speed/Duplex –

Flow Control –

Trunk –

trunk

Web – PORTS, Settings



15

1.6.2 G15L\$Eó s6Ñ

/

trunk

Rate Unit –

Port –

Port Speed –

Enable Input Rate Limiting –

Input Limit –

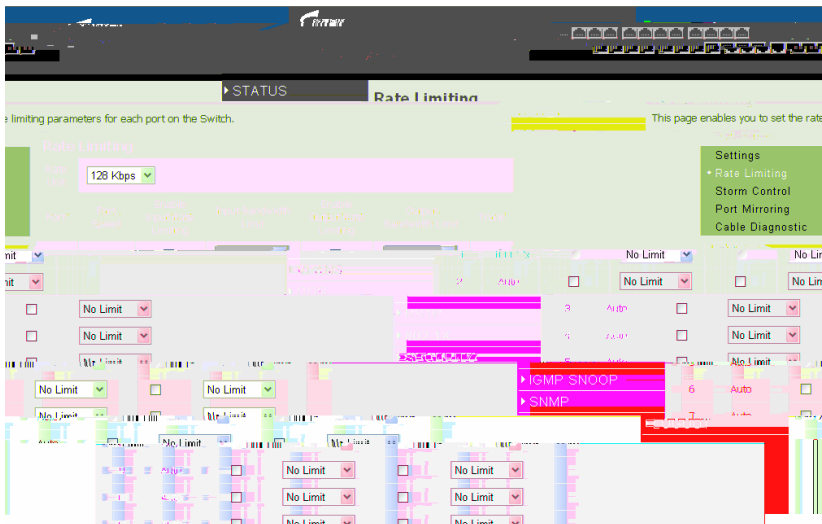
Enable Output Rate Limiting –

Output Limit –

Trunk –

Trunk

Web - PORTS, Rate Limiting



1.6.3 0Ã ·L Nç ^ {

threshold

threshold

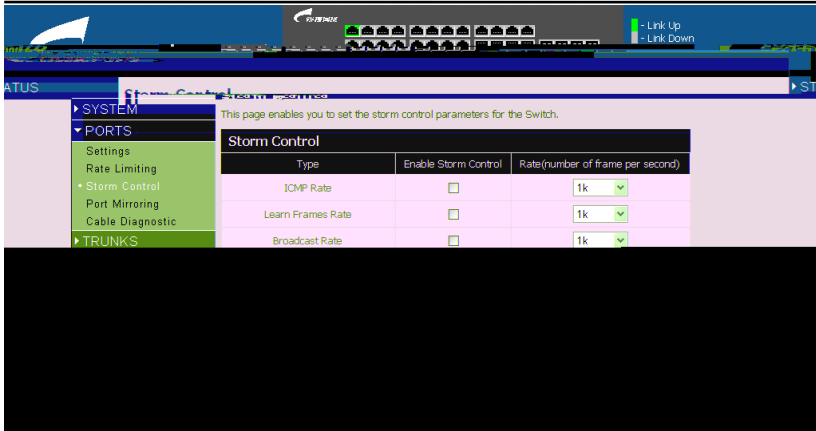
Type –

ICMP

Enable Broadcast Storm Control –

Rate(number of frame per second) –

Web – PORTS, Broadcast Control

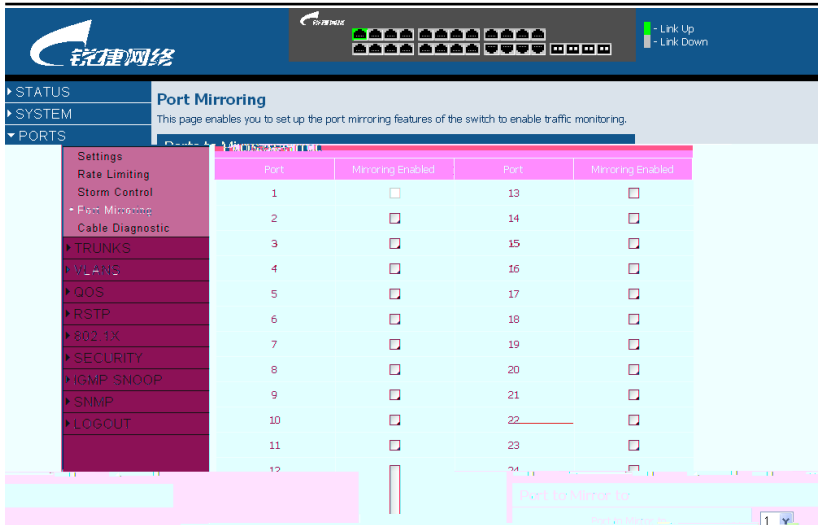


17

1.6.4 0Ã ·K0 £

Port to Mirror to – " " " "

Web – PORTS, Port Mirroring



18

1.6.5 4“4ÚAž •

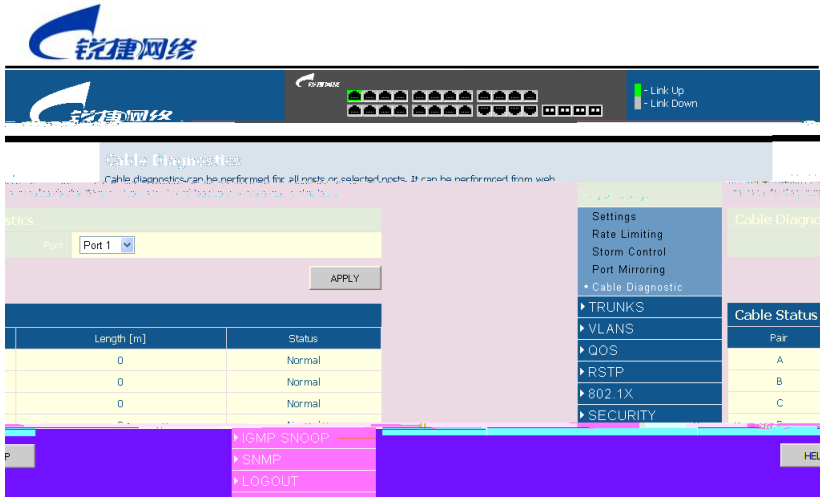
web

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 –

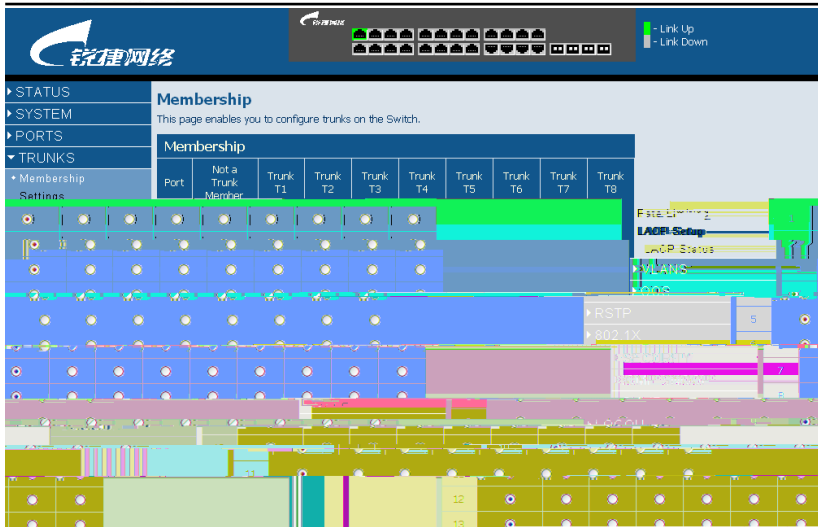
8 trunk

trunk

Web – TRUNKS, Membership

Trunk

29



20 Trunk

1.7.2 Trunk A'5B

Trunk – Trunk ID

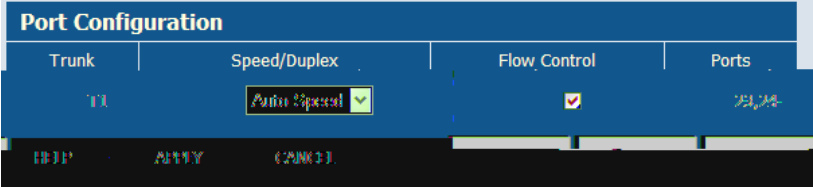
Speed/Duplex – trunk

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 Limiting						
Rate Unit	128 Kbps					
Trunk	Trunk Speed	Enable Input Rate Limiting	Input Limit (Kbps)	Enable Output Rate Limiting	Output Limit (Kbps)	Ports
T1	Auto	<input checked="" type="checkbox"/>	No Limit	<input checked="" type="checkbox"/>	No Limit	23,24
				HELP	APPLY	CANCEL

22 Trunk

1.7.4 LACP A'5B

LACP

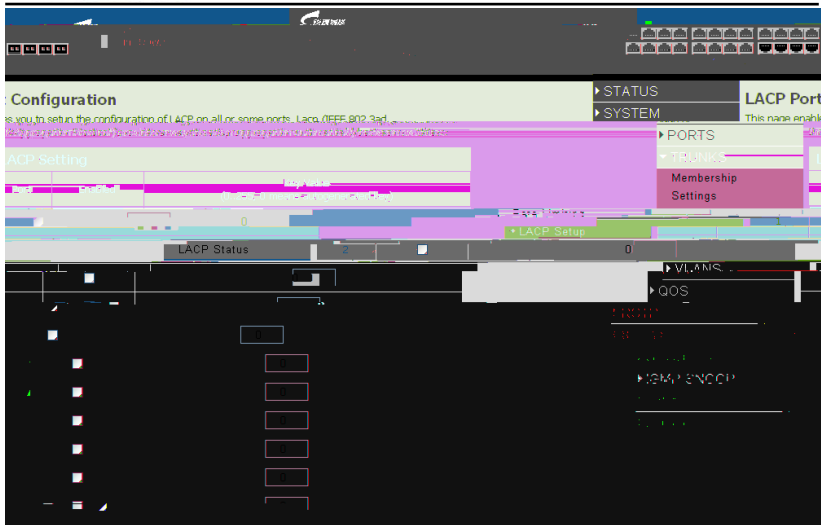
LACP IEEE 802.3ad Link Aggregation Protocol

Port –

Enabled – LACP

Key Value – Key

Web – TRUNKS, Settings.

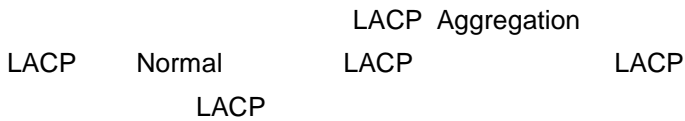


23 LACP

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

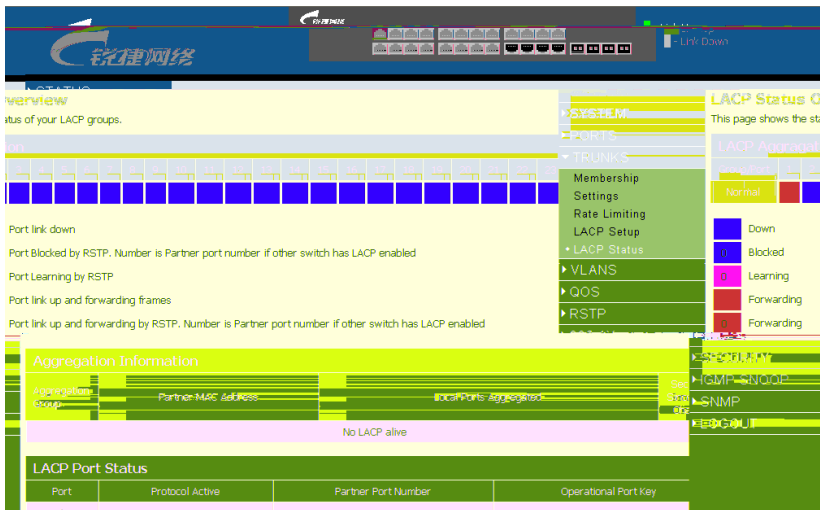
Port – ID.

Port Active – LACP

Partner Port Number – ID

Operational Port Key – LACP Key

Web – TRUNKS, LACP Status.



The screenshot shows the LACP Status page in a Ruijie network management interface. The page title is "LACP Status" and it includes a navigation menu with options like "LACP Status", "LACP Aggregation", "LACP Settings", "LACP Setup", "LACP Status", "VLANS", "QOS", and "RSTP". The main content area displays a table of LACP groups, with a message indicating "No LACP alive". Below this, there is a section for "LACP Port Status" with a table header including "Port", "Protocol Active", "Partner Port Number", and "Operational Port Key". A legend on the right side of the page defines the LACP Status colors: Down (blue), Blocked (purple), Learning (pink), Forwarding (red), and Forwarding (orange).

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

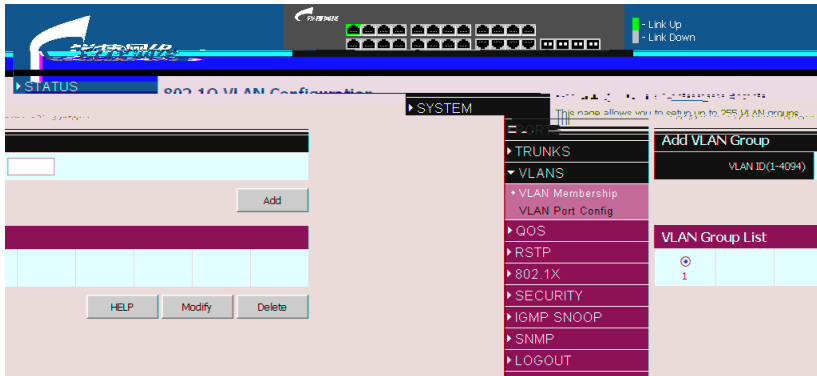
Add VLAN Group – VLAN

VLAN ID – VLAN

VLAN Group List – VLAN

Web – VLANS, VLAN Membership Add VLAN Group

VLAN ID VLAN Add

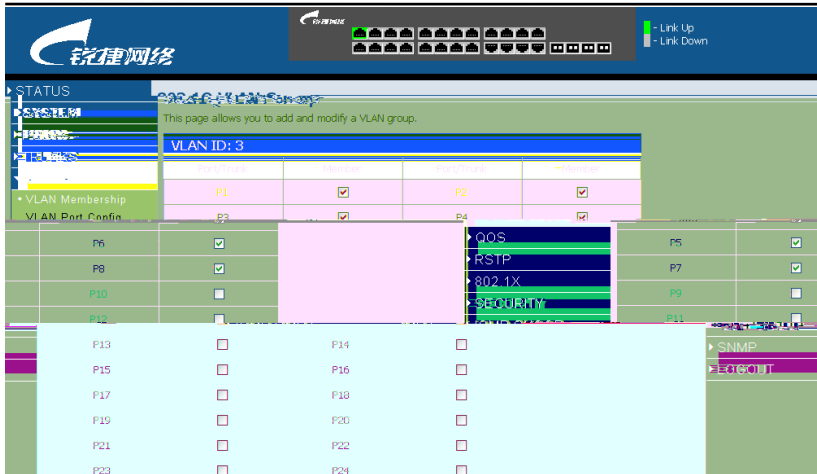


25 VLAN

802.1Q VLAN Group VLAN

APPLY. VLAN Group List VLAN,

Modify



26 VLAN

1.8.2 VLAN 0~255

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

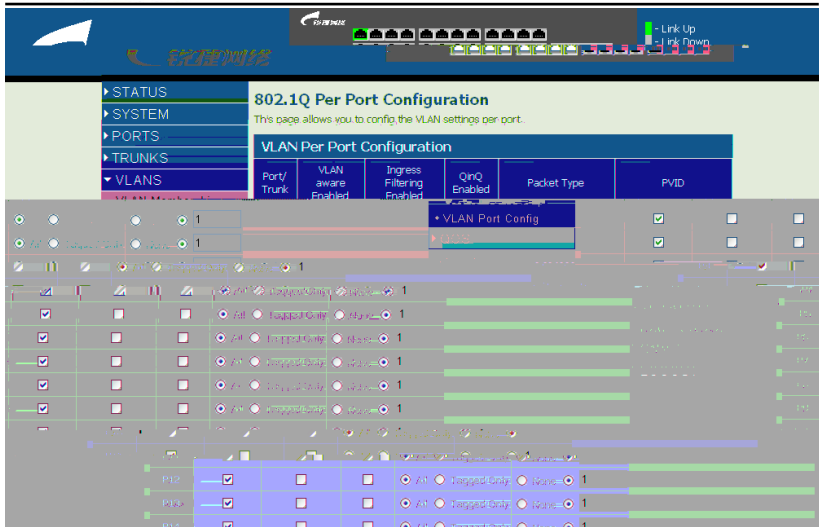
tag

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

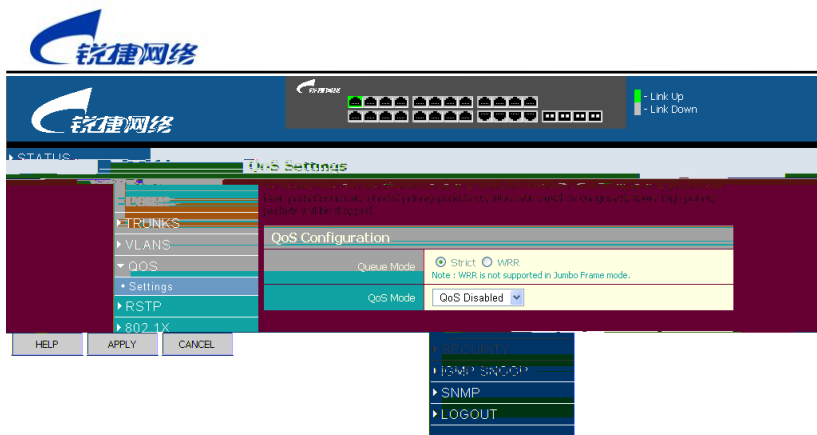
QoS

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

5.6 STP Port Configuration

Port – ID

trunk

Enabled –

/

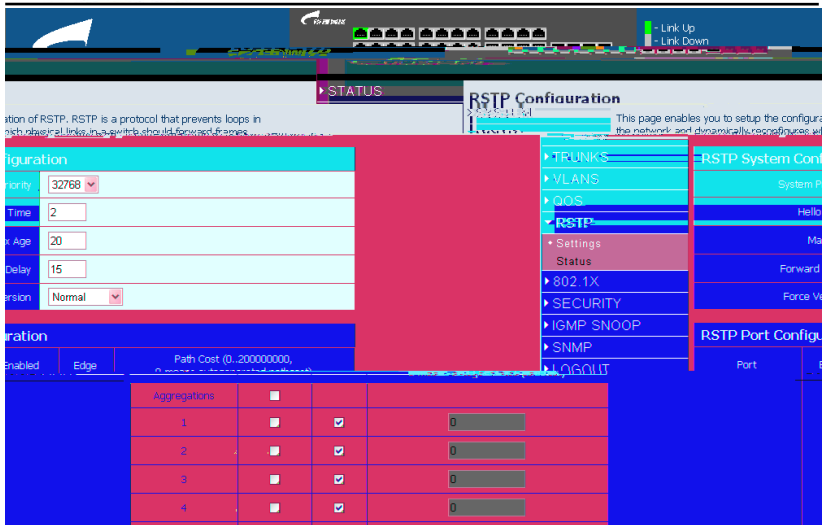
RSTP

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 –

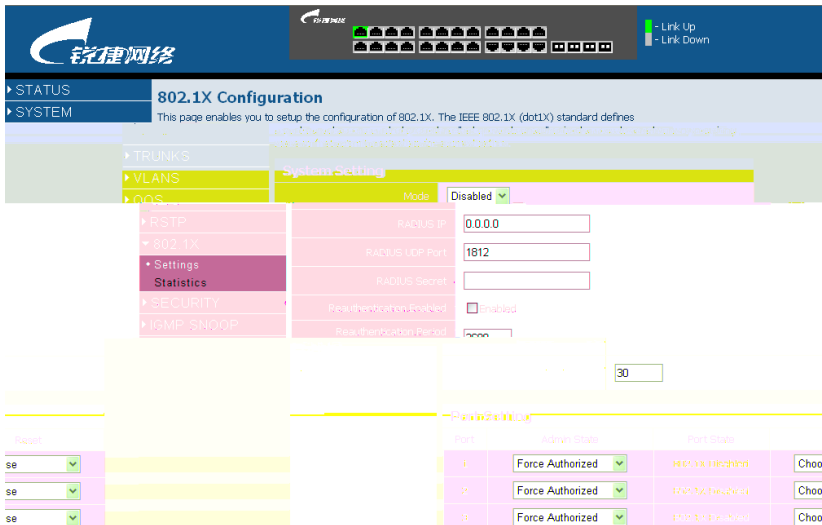
Reset –

Re-Authenticate –

IEEE802.1x

" "

Web – 802.1X Settings.



The screenshot shows the '802.1X Configuration' page in the Ruijie Network management interface. The page title is '802.1X Configuration' and it includes a sub-section for 'System Setting'. The 'System Setting' section contains the following fields:

- Mode: Disabled (dropdown menu)
- RADIUS IP: 0.0.0.0 (text input)
- RADIUS UDP Port: 1812 (text input)
- RADIUS Secret: (text input)
- Reauthentication enabled: Enabled
- Reauthentication Period: 30 (text input)

Below the system settings, there is a table for configuring 802.1X on specific ports. The table has columns for 'Port', 'Admin State', and 'Port State'. The 'Port State' column contains dropdown menus with 'Force Authorized' selected for each port.

Port	Admin State	Port State	Choo
se	Force Authorized	802.1X Disabled	Choo
se	Force Authorized	802.1X Disabled	Choo
se	Force Authorized	802.1X Disabled	Choo

31 802.1x

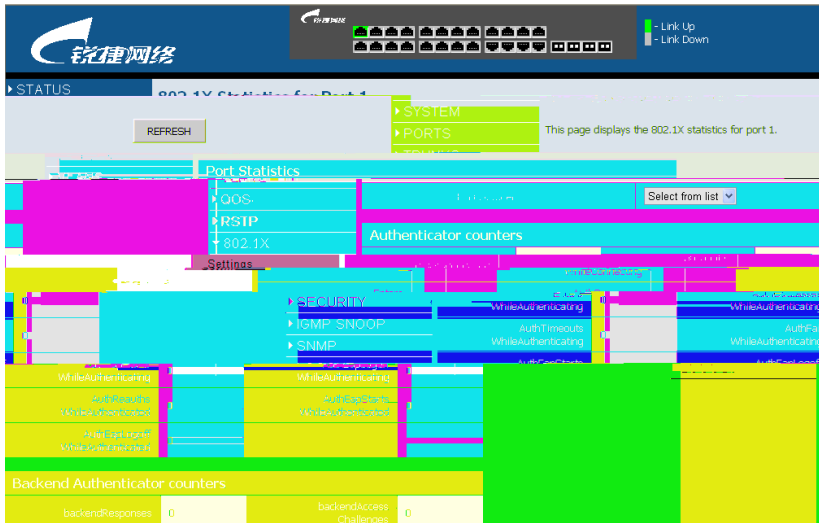
1.11.2 802.1x

Authenticator counters -

Backend authenticator counters -

Dot1x MIB counters - 802.1x MID

Web – 802.1X Statistics.



32 802.1x

1.12

1.12.1 IP

IP

IP

IP

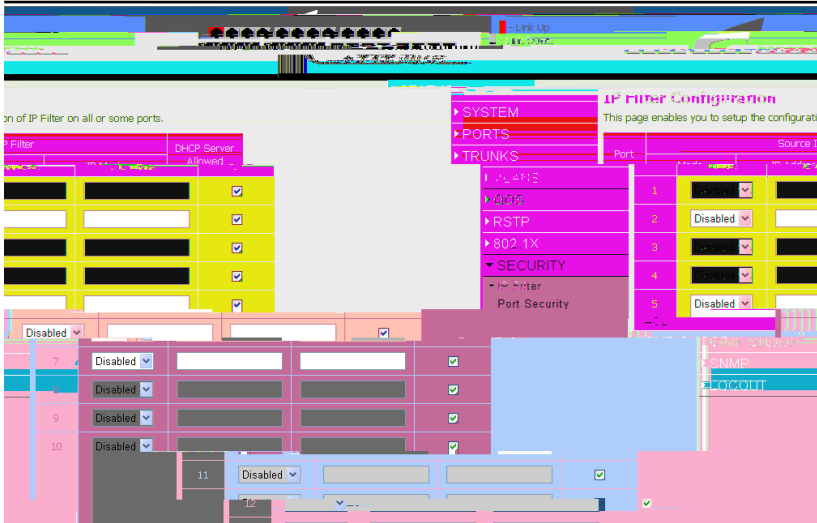
Port –

Source IP Filter – IP IP

–

IP

–



33 IP

1.12.2 0Ã ·] <

MAC

MAC

MAC

MAC

MAC

MAC

Port –

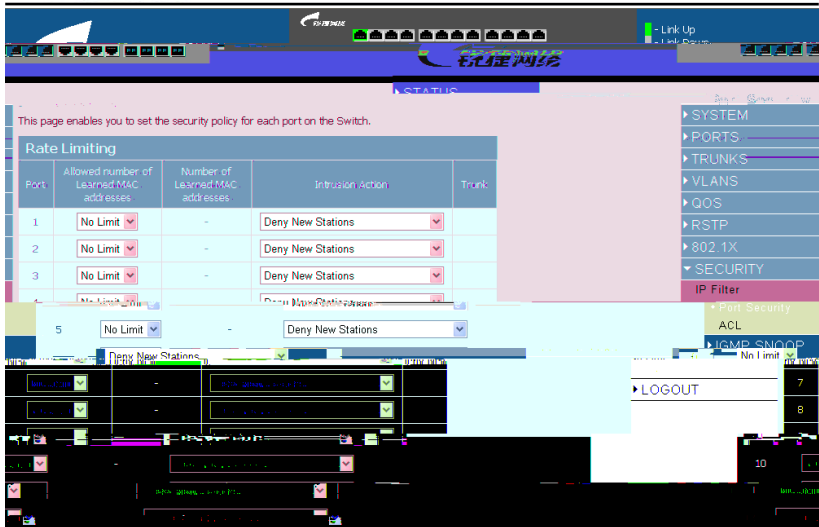
Allowed number of Learned MAC addresses –

MAC

No Limit – MAC

8/7/6/5/4/3/2/1 – MAC

0 – MAC



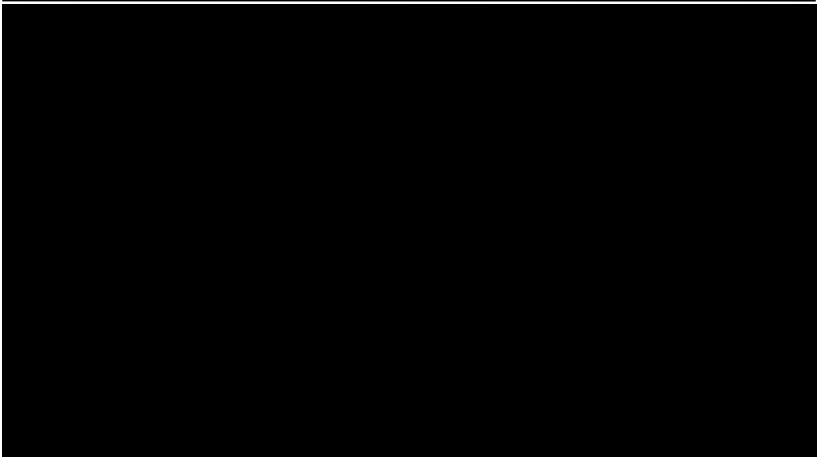
34

1.12.3 ACL

8 IP IP WEB SNMP

IP

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

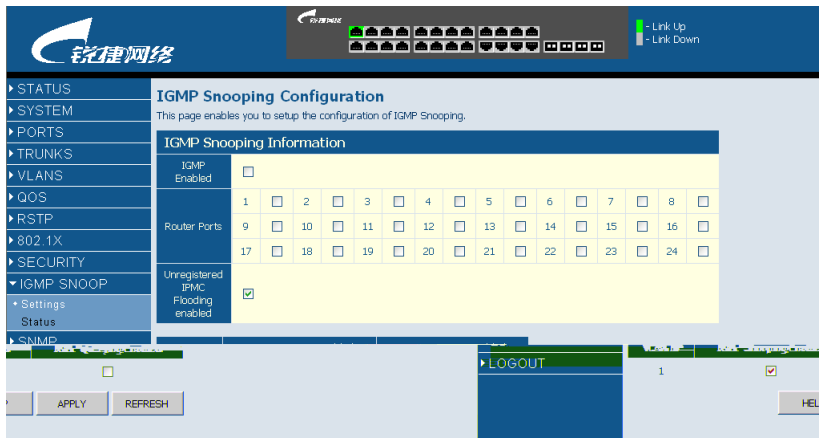
IGMP Snooping VLAN Configuration

VLAN ID - VLAN ID

IGMP Snooping Enabled –

IGMP Querying Enabled –

Web – IGMP Snoop, Settings.



The screenshot shows the 'IGMP Snooping Configuration' page in the Ruijie Network management interface. The page title is 'IGMP Snooping Configuration' and it includes a sub-header 'IGMP Snooping Information'. The configuration options are as follows:

- IGMP Enabled:
- Router Ports: A grid of 24 checkboxes, all of which are unchecked.
- Unregistered IPMC Flooding enabled:

At the bottom of the page, there are buttons for 'APPLY', 'REFRESH', and 'LOGOUT', along with a 'HELP' button.

36 IGMP Snooping

1.13.2 IGMP (Š Ő

IGMP

VLAN ID - VLAN ID

Querier – Querying

Queries transmitted –

Queries received –

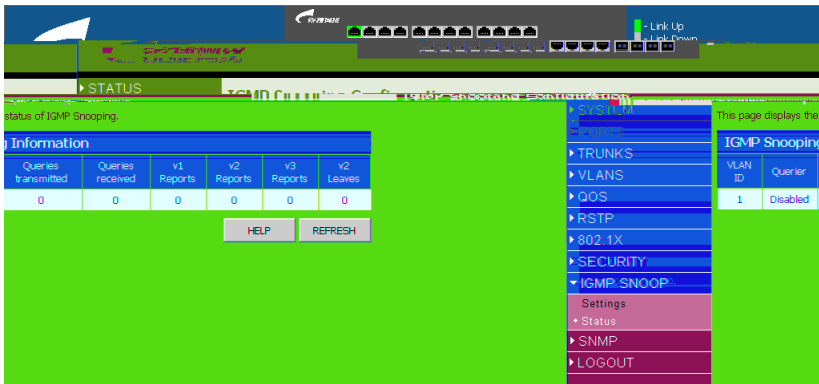
v1 Reports – v1

v2 Reports - v2

v3 Reports - v3

v3 Leave – v3

Web – IGMP Snoop Status.



37 IGMP

1.14 SNMP

SNMP Trap Destination – trap IP trap
SNMP trap

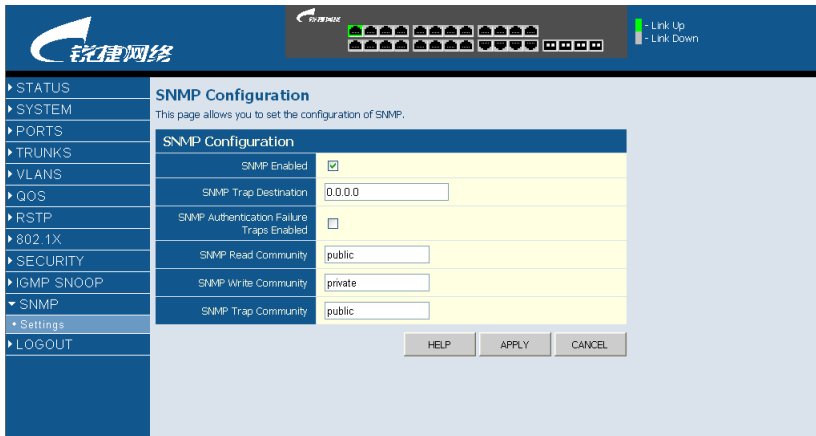
destination trap IP

SNMP Read Community – SNMP
MIB

SNMP Write Community –
MIB

SNMP Trap Community –

Web – IGMP Snoop Status.



The screenshot shows the Ruijie Network web interface for SNMP Configuration. The left sidebar contains a navigation menu with options: STATUS, SYSTEM, PORTS, TRUNKS, VLANS, QOS, RSTP, 802.1X, SECURITY, IGMP_SNOOP, SNMP (selected), Settings, and LOGOUT. The main content area is titled "SNMP Configuration" and includes a sub-header "SNMP Configuration" and a description: "This page allows you to set the configuration of SNMP." The configuration table is as follows:

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

