

SWE-2224F



User's Manual Version : SWE-2224F_PDF-A_V1

Web Smart Switch Configure

Please follow the steps to configure this Web Smart switch.

Step 1: Use a twisted pair cable to connect this switch to your PC.

Step 2: Set your PC's IP to 192.168.2.xx.

Linksys LNE100TX(v5) Fast Etheme	Internet Protocol (TCP/IP) Pro	perties	1
,	General		
Components checked are used by this con	You can get IP settings assigned	d automatically if your network supports	
S NWLink NetBIOS	this capability. Otherwise, you ne the appropriate IP settings.	ed to ask your network administrator fo	r
Y NWLink IPX/SPX/NetBIOS Comp₂ Y NULink IPX/SPX/NetBIOS Comp₂			
er of internet Plotocol (TCP/IP)	Obtain an IP address autor	matically	
•	 Use the following IP addre 	58:	
Install Uninstal	IP address:	192.168.2.30	
Description	Subnet mask:	255.255.255.0	
Transmission Control Protocol/Internet P	Default gateway:		
across diverse interconnected networks.			
	C Obtain DNS server addres		
Show icon in taskbar when connected	 Use the following DNS ser 	ver addresses:	
	Preferred DNS server:		
	Alternate DNS server:		
	Auteinate Divo server.		

Step 3: Open the web browser (like IE...), and go to 192.168.2.1 Then you will see the login screen.



ID: admin Password: admin

Step 4: After the authentication procedure, the home page shows up. Select one of the configurations by clicking the icon.

- Administrator
- Port Management
- VLAN Setting
- Per Port Counter
- QoS Setting
- Security
- Spanning Tree
- Trunking
- Backup/Recovery
- Miscellaneous
- Logout

 Administrator Port Management 	24-Port 10/1	00Mbps Plus 2-Port Gigabit Ethernet Switch	
V UAI Setting Par Part Courter Social Setting Security	Advanced Fewtures Bandwidth control Pontoased C Trag based YUAN Statutes C ounder Prevail VLAV Uptank L2~L4 Class of Service	Basic Features Embedded HTTP web Management Configuration Backup/Recovery TTP Firmware upgrade bala Eccute Management User namePassword security	

Administrator: Authentication Configuration

24Port 10/100 + 2Port	Giga WebSwitch 🛱 🛱 🛱	8 10 12 14 16 18 20 22 24 	
Administrator Authentication Configuration	Authentication Co	nfiguration	
 System IP Configuration 	Setting	Value	[
System Status Load default setting	Username	admin max 15	
 Firmware Update Reboot Device 	Password Confirm	max:15	
Port Management		Update	
VLAN Setting			i.
Per Port Counter	Note:		
Vos setung Security	Username & Password can on	Iv use "a-z"."A-Z"."0.9"." "."+"."-"."=".	
Spanning Tree			
> Trunking			
Backup Recovery			
Miscellaneous			
> Logout			

- 1. Change the user name and the password.
- 2. Click "Update" to confirm the new change.

Now, you can use the new user name and the password.

Administrator: System IP Configuration

24Port 10/100 + 2Port	Giga WebSwitch 🛔	6 8 10 12 14 16 18 20 22 24 	
 Administrator Authentication Configuration 	System IP Config	uration	
 System IP Configuration 	Setting	Value	
 System Status 	TR Address	100 149 0 1	
Load default setting	IF Addless	122 . 120 . 12 . 1	
 Firmware Update 	Subnet Mask	255 255 0	
 Reboot Device Port Management 	Gateway	192 . 168 . 2 . 254	
VLAN Setting	IP Configure	Static O DHCP	
Per Port Counter		Thebas	
DoS Setting		otme	
Security			
Spanning Tree			
Trunking			
Backup Recovery			
Miscellaneous			
Logout			

- 1. Change the IP address: type the new IP address or select DHCP IP configuration.
- 2. Click "Update" to confirm the new change. Setting Process OK!!" will be shown on the screen.

Now, the setting of "System IP Configuration" is finished.

Administrator: System Status

24Port 10/100 + 2Por	t Giga WebSwitch 🛱 🛱 🛱	8 10 12 14 16 18 20 22 24 	
Administrator Authentication Configuration Output	System Status		_
System IP Configuration System Status Load default setting	MAC Address Number of Ports	10:f0:13:f0:18:26 24+2	-
Firmware Update Reboot Device Port Management	Comment Contact	Invita MAX 15 X7hurmi MAX 15	_
 VLAN Setting Per Port Counter 	Location System Version	Zingwi MAX 15 IP1826 WebCtrl IP2105DK2 L3.4 v104	_
 GoS Setting Security Spanning Tree 		Uplace	_
 Trunking Backup Recovery 	Note: Comment name only can use "a	+z","A-Z",",+",",",",",0-9"	
 Miscellaneous Logout 			

MAC address and system version will be shown on the screen.

- 1. Change the new comment of this switch by typing the new comment.
- 2. Click "Update" to confirm the new change.

Now, the setting of "System Status" is finished.

Administrator: Load Default Setting

24Port 10/100 + 2Port	Giga WebSwitch
 Administrator Cadmandia Cadma	Load Default Setting recover switch default setting excluding the IP address, User name and Password

1. Click "Load" to back to the factory default setting.

**Note: Recover switch default setting excluding the IP address, User name and Password.

Now, the default is loaded.

Administrator: Firmware Update

24Port 10/100 + 2Port	Giga WebSwitch $\begin{bmatrix} 4 & 6 & 8 & 10 & 12 & 14 & 16 & 18 & 20 & 22 & 4 \\ -4 & 5 & 6 & 7 & 7 & 7 & 7 & 7 & 7 & 7 & 7 & 7$
Advantation over Advantation over Advantation over	Firm ware Update Please input the paceword to continue the Firm ware Update process. Password ReContinm Update Notice: After clicking the "UPDATE" button, IF the firm ware update webpage is not redirected correctly or is shown as "Webpage not found". Please connect to http://152.1662.1

Follow the instruction on the screen to update the new firmware.

Please contact with your sales agents to get the latest firmware information.

Administrator: Reboot Device

24Port 10/100 + 2Port	Giga WebSwitch
Advances Advances	Reboot Device Click "Confirm" to Reboot the Device Confirm

1. Click "Confirm" to reboot the device.

Now, the setting of "Reboot Device" is finished.

Port Management: Port Configuration

tor jement	Port	Configur	ation												
ort Configuration			Tx/Rx Abi	lity	Auto-Negotistion	Speed	Duplex		Pause	Becl	kpressure A	ddr. Learning			
Port Mirroring Bandwidth Control		n -		~	~	*		-	🗸		*	~			
roadcast Storm ontrol DE	Select Port No		01 00 04 05 06 00 00 04 11 12 13 14 15 16 17 19 9 20 21 22 20 2 2 25 26												
ng							Update								
ounter															
g															
	Port		0	urrent Status	1			8	etting Status			1			
ree	Ton	Link	Speed	Duplex	FlowCtrl	Tx/Rx Ability	Auto-Nego	Speed	Duplex	Pause	Backpressure	Addr Learnin			
	1					ON	AUTO	100M	FULL	ON	ON	OFF			
covery	2					ON	AUTO	100M	FULL	ON	ON	OFF			
ous	3					ON	AUTO	100M	FULL	ON	ON	OFF			
out	4					ON	AUTO	100M	FULL	ON	ON	OFF			
	5					ON	AUTO	100M	FULL	ON	ON	OFF			
	6					ON	AUTO	100M	FULL	ON	ON	OFF			
	7					ON	OTUA	100M	FULL	ON	ON	OFF			
	8					ON	OTUA	100M	FULL	ON	ON	OFF			
	9					ON	OTUA	100M	FULL	ON	ON	OFF			
	10					ON	OTUA	100M	FULL	ON	ON	OFF			
	- 11					ON	AUTO	100M	FULL	ON	ON	OFF			
	12					ON	AUTO	100M	FULL	ON	ON	OFF			
	13					ON	AUTO	100M	FULL	ON	ON	OFF			
	14					ON	AUTO	100M	FULL	ON	ON	OFF			
	15					ON	AUTO	100M	FULL	ON	ON	OFF			
	16		100M	FULL	ON	ON	AUTO	100M	FULL	ON	ON	ON			
	17					ON	AUTO	100M	FULL	ON	ON	OFF			
	18					ON	AUTO	100M	FULL	ON	ON	OFF			
	19					ON	AUTO	100M	FULL	ON	ON	OFF			
	20					ON	AUTO	100M	FULL	ON	ON	OFF			
	21					ON	AUTO	100M	FULL	ON	ON	OFF			
	22					ON	AUTO	100M	FULL	ON	ON	OFF			
	23			· · · · · ·		ON	AUTO	100M	FULL	ON	ON	OFF			
	24					ON	AUTO	100M	FULL	ON	ON	OFF			
	25					ON	AUTO	1000M	FULL	ON	ON	OFF			
	26					ON	AUTO	1000M	FULL	ON	ON	OFF			

6 9 10 12 14 16 19 20 22

Select the "Port No." - configure the mode below:

- 1. Tx Cap Ability- enable/disable for the selected port.
- 2. Auto-Negotiation- enable/disable Auto-Negotiation.
- 3. Speed 10M, 100M or 1000M mode for the selected port.
- 4. Duplex Full or Half-Duplex mode for the selected port.
- 5. Pause enable/disable for the selected port.
- 6. Backpressure enable/disable for the selected port.
- 7. Addr. Learning enable/disable for the selected port.

After press the "Update", the setting of "Port Configuration" is finished.

Port Management: Port Mirroring

24Port 10/100 + 2Port Giga WebSwitch 부수우우우우우우우우우우우우우우우우														
➢ Administrator	Port Mirroring													
Port Configuration Port Mirroring Bandwidth Control Broadcast Storm	Dest Port	1	2 15	3 16	4	5	6 19	7	8 21	9 22	10 23	11 24	12 25	13 26
Control POE VLAN Setting	Monitored Packets	Disable											10	
 Per Port Counter QoS Setting Security 	Source Port	1	2 15	3 16	4	5 18	6 19	20	21	9 22	10 23	24	12 25	26
 Spanning Tree Trunking Backup Recovery 	Multi to Multi Sniffer	function					Update							
 Miscellaneous Logout 														

Port Mirroring is used to mirror traffic, RX, TX or TX&RX, from Source port to Destination port for analysis.

- 1. Select the Destination port: you can choose port 1 to port 26.
- 2. Select the Source port: by clicking the checking box of the port.
- 3. Click "Update" to save the setting.

Now, the setting of "Port Mirroring" is finished.

Port Management: Bandwidth Control

	J	1357	9 11 13 15 17 19 :										
ministrator et Management	Bandwidth	Control											
AN Setting													
r Port Counter	Port N	0.	Tx Rate				Rx Rate						
S Setting	01	·	(0~255) (0:Ful	ll Speed)		(0~255) (0:Full Speed)						
ecanity runking achup Recovery social	Speed E	Umr. (1)322005 TaFbc bandwidth resolution for port 1 - port 26. Actual TaFbc bandwidth resolution for port 1 - port 28. Actual TaFbc bandwidth resolution for port 1 - port 28. Speed Base Actual TaFbc bandwidth resolution for port 1 - port 28. Actual TaFbc bandwidth resolution for port 1 - port 28. Actual TaFbc bandwidth resolution for port 1 - port 28. Actual TaFbc bandwidth resolution for port 1 - port 28. Actual TaFbc bandwidth resolution for port 1 - port 28. Actual TaFbc bandwidth resolution for port 1 - port 28. Actual TaFbc bandwidth resolution for port 1 - port 28. Actual TaFbc bandwidth resolution for port 1 - port 28. When into capacity of taBFbc bandwidth resolution for port 1 - port 28. When into speed is 1008. The raid value is 1 - 48. Ubm into speed is 1008. The raid value is 1 - 48. Ubm into speed is 1008. The raid value is 1 - 48.											
	in the milk speed	of selected port is lower that	n the rate that you setting, th	nis system will u	ise the value of l	ink speed as your setting rate.							
	Port	or selected port is lower that s shown in red text, it means Tx: Rate	n the rate that you seting, the link speed is lower that the link speed is lower that Rx Rate	his system will un the using band band band band band band band band	Port	ink speed as your setting rate. Tx Rate	Rx Rate	Link					
	Port No.	to i selected port is lower that s shown in red text, it means Tx: Rate	n the rate that you seting, the link speed is lower that Rx Rate	his system will u n the using band Link Speed	Port No.	Tx Rate	Rx Rate	Link Speed					
	Port No.	or selected port is lower that s shown in red text, it means Tx: Rate Full Speed Full Speed	n the rate that you seting, it the link speed is lower that For Rate Full Speed Full Speed	his system will u n the using band Link Speed 	Port No.	Tx Rate Full Speed Full Speed Full Speed	Rx Rate Full Speed Full Speed	Link Speed 					
	Port No. 1 2 3	tor selected port is lower that s shown in red text, it means Tx: Rate Full Speed Full Speed Full Speed Full Speed	hthe rate that you setting, the link speed is lower that Rox Rate Full Speed Full Speed Full Speed Full Speed	his system will u n the using band Link Speed 	Port No. 14 15 16 16	Tx: Rate TX: Rate Full Speed Full Speed Full Speed Full Speed Full Speed	Rx Rate Full Speed Full Speed Full Speed	Link Speed 100M					
	Port No.	Tx Rate Tx Rate Full Speed	n the rate that you setting, th the link speed is lower that Rx Rate Full Speed Full Speed Full Speed Full Speed Full Speed	his system will u n the using bane Link Speed 	Port No. 14 15 16 17	Tx: Rate TX: Rate Full Speed	Rx Rate Full Speed Full Speed Full Speed Full Speed	Link Speer 100M					
	Port No.	Tx Rate Tx Rate Full Speed	hthe rate that you setting, fr the link speed is lower that Rx Rate Full Speed Full Speed Full Speed Full Speed	his system will u n the using band Link Speed 	Port No. 14 15 16 17 18	Ink speed as your setting rate.	Rx Rate Full Speed Full Speed Full Speed Full Speed Full Speed	Link Speel 100M					
	Port and Federal Threads field 1 Port Na. 1 2 3 4 5 6	Tx Rate Tx Rate Full Speed	hthe rate that you setting, fr the link speed is lower that Rx: Rate Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed	Link Speed 	Port No. 14 15 16 17 18 19	Tx Rate Tu Speed as your setting rate. Tx Rate Full Speed	Rx Rate Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed	Link Speei 100M 					
	Port No. 11 Port No. 1 1 2 3 4 5 6 7	Tx Rate Tx Rate Full Speed	In the rate that you setting, if the link's speed is lower that Rx. Rate Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed	Link Speed 	Port No. 14 15 16 17 18 19 20	Tx Rele syour setting rate.	Rx Rate Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed	Link Speei 100M 					
	Port Port 2 3 4 5 6 7 8	I of seeted port is lower his shown in red ted, II means Tx Rate Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed	Rx Rate Rx Rate Full Speed Full Speed	Link Speed 	se the value of I dwidth. Port No. 14 15 16 17 18 19 20 20 21	TX Rete TU Speed a Full Speed	Rx Rate Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed	Link Speed 100M 					
	Part No. 1 2 3 4 5 6 7 8 9	of several point is lower himself and the seven himself and the se	Rx Rate Fx Rate Full Speed	Link system will ul the using bann Speed 	se the value of l width.	Tx Rete syour setting rate.	Rx Rate Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed Full Speed	Link Speet 100M 					
	Perf Perf 2 3 4 5 6 7 9 10	Tr. Rate shown in red bits, it means shown in red bits, it	The rate havy us sering to the link speed is lower have full Speed Full Speed	Link system will uit of the used band of the system will be and the system of the syst	Port No. Port 14 Port 15 Port 14 Port 15 Port 20 Port 21 Port 22 Port 23 Port 21 Port 22 Port 23 Port 23 Port 24 Port	The Rede as your setting rate Full Speed Full Speed	Rc Rate Full Speed Full Speed	Link Speel 100M 					
	The role field 1 2 3 4 5 6 7 8 9 10 11	Th Rate Thi Read Thi Based	The rate haryou sering, the init speed is lower har Full Speed Full Speed Full Speed Full Speed Full S	Link system will un the using bann Link Speed	Port No. Port 14 Port 15 Port 14 Port	hrk speed as your setting rate Truit Speed Fruit Speed	Fix Rate Full Speed Full Speed	Link Speer 100M 					
	Part 100 100 100 100 100 100 100 100 100 10	The Rate The Rate Full Speed	Rx Rate Rx Rate Full Speed Full Speed	Link system will all new system will all new system will be new system	Port No. 14 15 16 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	The Reade as your setting rank Full Speed Full Speed	Rx Rate Full Speed Full Speed	Link Speet 100M 					

- 1. Select the "Port No.": you can choose port 1 to port 26.
- "TX Rate Value": set the transmission rate of the selected port. (0:Full speed; 1~255:Specified bandwidth.)
- 3. "RX Rate Value": set the receiving rate of the selected port. (0: Full speed; 1~255: Specified bandwidth.)
- 4. "Resolution": Low: 32 kbps / High: 556 kbps

5. Click "Update" to confirm the setting or "LoadDefault". Now, the setting of "Bandwidth Control" is finished.

Port Management: Broadcast Storm Control

24Port 10/100 + 2Port	Giga WebSw	itch 🛱	ţ		16 18 20	22 24 21 23	25 26							
Administrator Administrator Port Management Port Configuration Ref Ministrator	Broadcast St	orm Contro	L											
	Threshold							63 1~63						
Bendwidth Control Broadcast Storm	Enable	1	2	3	4	5	6	7	8	9	10	11	12	13
POE	Port	14	15	16	17	18	19	20	21	22	23	24	25	26
 Per Port Counter 							Update]						
> QoS Setting > Security	This value indicat 5000us for 10Mbp	es the number os speed	of broadcas	t packet whi	ch is allowed	I to enter ea	ach port in o	ne time unit.	. One time u	nit is 50us 1	for Gigabit s	peed, 500 u	s for 100Mb	ps speed and
Spanning Tree														
 Trunking Backup:Recovery 														
Miscellaneous														
· Logon														

- 1. "Threshold" Set the threshold from $1 \sim 63$.
- 2. "Enable Port" per port to define the status of broadcast packets.
- 3. Click "Update" to confirm the setting.

Now, the setting of "Broadcast Storm Control" is finished.

Port Management: PoE Configuration

Iministrator	POE Configuration								
ort Management									
AN Setting									
er Port Counter	Port	1	2	3	4	5	6	7	8
oS Setting	Enable	Ø							
ecurity	500.0								
anning Tree	Pas Current	No Loni	NO LONG	No Loed	No Loss	No Loss	No Lond	NO LORO	No Lot
inking	Minimun Output Power	-			-				
ckup.Recovery	POE Class								
liscellaneous ogout	Port	09	10	11	12	13	14	15	16
	Enable			~	2		•	~	
	PSE Current	No Load	No Load	No Loed	No Load	No Load	No Loed	No Load	No Los
	Minimun Output Power								
	POE Class								
	Port	17	18	19	20	21	22	23	24
	Enable				2				
	PSE Current	No Losd	No Losd	No Loed	No Load	No Load	No Loed	No Load	No Lo
	Minimun Output Power								
	POE Class								
				C	Jpdate				

Remote access and monitor the attached PD (Powered Device) status by using Enable/Disable function.

- 1. **Enable:** POE of the port is able to supply power to the attached PD (Powered Device)
- 2. **PSE Current & Minimum Output Power:** The status of the port current and minimum output power.
- 3. **POE class**: each POE port will detect the class of the attached PD (Powered Device)
- 4. Click "Update" to confirm and finish the setting.

Now, the setting of "PoE Configuration" is finished.

VLAN Setting: VLAN Mode

24Port 10/100 + 2Port G	Giga Wel	bSwitch			18 20 22 2 10 10 10 10 10 10 10 10 10 10 10 10 10 1							
Administrator Port Management VLAN Setting NLAN mode	VLAN Mo	Teg Beerd VLAN	Change VL/	iN mode								_
Vubrammer Multito 1 Setting Per Port Counter OoS Setting Security Spanning Tree Backop/Recovery	Tag Mode	FortUI AddTag don't care Remove Tag Fort 14 Add Tag don't care Remove Tag	PortUZ AddTag don't care Remove Tag Port 15 AddTag don't care Remove Tag Remove Tag	FortU3 AddTag Gontcass RemoveTag Fort16 AddTag Gontcass RemoveTag	Port U4 Add Tag don't care Remove Tag Port 17 Add Tag don't care Remove Tag Remove Tag	Port US Add Tag don't care Remove Tag Port 18 Add Tag don't care Remove Tag	Port US Add Tag don't care Remove Tag Port 19 Add Tag don't care Remove Tag Tag	Port U7 Add Tag don't care Remove Tag Port 20 Add Tag don't care Remove Tag Port 20 Add Tag don't care	FortUS AddTag adontcass RemoveTag Fort21 AddTag addTag addTag RemoveTag	Port U9 Add Tag don't care Remove Tag Port 22 Add Tag don't care Remove Tag	Port IU Add Tag don't care Remove Tag Port 23 Add Tag don't care Remove Tag	Port 11
≥ Miscelaneous ≥ Logout	Note: If the li In this c	nk partner is a r ase, it is strong	etwork interfac ly recommended	e card, it probal the network ad	bly cannot recog ministrator to re	mize the VLAN move the VLAN	tag. I tag of the corr	esponding port.				>

There are two VLAN modes: Port Based VLAN and Tag Based VLAN.

Click "Change VLAN mode" to select the mode.

**If the Port Based VLAN function is enabled, Tag Based VLAN and Multi to 1 setting function will be disabled automatically.

Now, the setting of "VLAN Mode" is finished.

VLAN Setting: VLAN Member Setting (Tag Based)

Administrator	VLAN Mer	nber Setti	ing (Tag Ba	sed)											
VLAN Setting	VLA	N No.					[01 💌 VID:		1~4094) Re	ю				
VLAN mode VLAN Member	Dest	PORT	01	02	03	04	05	06	07	08	09	10	11	12	13
Multi to 1 Setting	50	lect					~				~				
Per Port Counter	Dest	PORT	14	15	16	17	18	19	20	21	22	23	24	25	26
QoS Setting	20	20kt V V V V V V V V V V								~					
Security	Index	1						Index val	ne is 1~32						
panning Tree Tunking Jackup Recommu	Portí Index	01 01	02	03	04 04	05	06 06	07		8	19 09	10 10	11 11	12 12	13 13
Miscellaneous	Port/ Index	14 14	15 15	16 16	17 17	18 18	19 19	20 20	2	1	22 22	23 23	24 24	25 25	26 26
Logona							Updat	e LoadDe	efault						
			Ifti IP1826C (a) One poi	te incoming adds a VLA The foll wo t maps to on	Example 1 packet does N table inde- ing table sho re VID; (b) N	l: not contain x to the inco ows two case dulti ports m	a V ID, ming packe s. iap to one N	rt. VID.							

You can select a port group.

- 1. Click the port numbers: which you want to put them into the selected VLAN group.
- 2. Click "Update" to confirm and finish the setting.
- 3. Click "LoadDefualt" to back to the original factory setting.

Now, the setting of "VLAN Member" is finished.

VLAN Setting: Multi to 1 Setting

24Port 10/100 + 2Port	t Giga WebSwitch 🛱	ġġġ ŢŢŢ				25 26							
 > Administrator > Port Management 	Multi to 1 Setting												
 VLAN Setting Per Port Counter QoS Setting 	Destination PortNo.						01	¥					
 Security Spanning Tree 	Disable Port	01	02	03	04	05	06	nt- 07	08	09	10	11	12
> Trunking > BackupRecovery > Miscellaneous > Logout	Port	Fort 13 14 15 16 17 18 19 20 21 22 23 24 Image: Image of the start									24		
	Update 1 A sonaple for Hilds to 1 structure												
				Ports	VL	AN Gro	up s						
			/	* (01)	1								
	Destination Port/ Current Setting	22 4	-:	• (<u>02</u>)	2								
			~:		:								
	2. The original setting of the VLAN On the other hand, If you set the VI 3. This configuration is port base VL	2. The original setting of the YLAN Group will be cleared and replaced by thin special structure if you reable thin function. On the other hand, if you are the TLAN Group again, than precisi directures will be cleared and replaced by your areast reting. 3. This configurations are of the TLAN Group.											

This is a special design for easily setting the switch VLAN into "VLAN per Port".

- 1. Choose "Destination Port No".
- 2. Choose "Disable Port"
- 3. "Disable Port" choose the port which you don't want to use
- 4. Click "Update" to confirm and finish the setting.

After this setting, all ports can only connect to destination ports.

Per Port Counter: Counter Category

24Port 10/100 + 2Port (Giga WebSwitch 🛱 🛱 🛱		
 Administrator Port Management 	Counter Category		
VLAN Setting Port Counter		Counter Mode Selection: Transmit Packet & Receive Packet	×
o Per Port Counter	Port	Transmit Packet	Receive Packet
Por Counter	01	0	0
P Gos Setting	02	0	0
Security	03	0	0
 Spanning free Trunking 	04	0	0
Packan Personnu	05	0	0
Miscellaneous	06	0	0
> Logout	07	0	0
- Logon	08	0	0
	09	0	0
	10	0	0
	11	0	0
	12	0	0
	13	0	0
	14	0	0
	15	0	0
	16	12968	18777
	17	0	0
	18	0	0
	19	0	0
	20	0	0
	21	0	0
	22	0	0
	23	0	0
	24	0	0
	25	0	0
	26	0	0
		Refitth	

You can read the transmitting and receiving packet of the connecting port.

Click "Refresh" or "Clear" the data.

QoS Setting: Priority Mode

24Port 10/100 + 2Port	Giga WebS	witch ====================================
 Administrator Port Management VLAN Setting 	Priority Mod	de
Per Port Counter	Priority Mode	
OoS Setting Priority Mode Port, 802.1 p. (P/DS based	Mode	© First-in-First-Out ○ Al-High-Refere-Low ○ Weight-Round-Robin. Law weight ◎ ♥ High weight ◎ ♥
 TCP/UDP Port Based 		Oppore
Security	Note: When th	re queue weight is set to "0", it will be treated as "0".
Spanning Tree	If "low weight"	and "high weight" are set to "3" and "5", the ratio of the trasmit packet for the low priority to high priority is 3/5.
> Trunking		
Backuprecovery		
> Inscentification		

There are three Priority Modes to select.

- 1. First-in-First-Out- the first receiving packet will be firstly transmitted.
- 2. All-High-before-Low All packets will be assigned to either Q2 (high) priority queue or Q1 (low) priority queue.
- 3. Weight-Round-Robin- set the ratio of the transmitting packet for the low priority to high priority.
- 4. Click "Update" to confirm and finish the setting.

QoS Setting: Class of Service

inistrator	Class of Service Configuratio	n										
Management N Setting Port Counter	E=Enable High Priority	I I = Enable High Priority										
Setting	Port No.1Mode	Port VLAN Base Tag		IP / DS	Port No. Wode	Port Base	VLAN Tag	IP/DS				
nity	1				14							
ining Tree kina	2				15							
aup.Recovery	3				16							
ellaneous	4				17							
	5				18							
	6				19							
	7				20							
	8				21							
	9				22							
	10				23							
	11				24							
	12				25							
	13				26							

2 4 6 8 10 12 14 16 18 20 22 24

You can set QoS mode of per port by different bases.

24Port 10/100 + 2Port	t Giga WebSwitch 🛱 🛱 🋱 🛱	
2-4) OLL OLLOC 1 21 OL > Administrator > Port Masgement > Data Setting > Secontry > S	Close of Service Configuration Protocol FIF(0,2,1) StrF(20) CN6(53) TTLNET(20) CN6(53) TTTP(69,0660) PPCP(110) NEVSG(19) SNTF(22) NB65SG(137-139) BM4P(13,220)	Option FFFO ♥ FFFO ♥
	SNMP(161,162) HTTPS(443)	F4F0 v F4F0 v
	MSN(1863)	
	XRD_RDP(3389)	F-IF-0 v

QQ(4000,8000)		F-I-F-O	*				
ICQ(5190)		F-1-F-O	•				
Yahoo(5050)		F-I-F-O	•				
BOOTP_DHCP(67,68)		Low	•]				
User_Define_a		F-1-F-0	*				
User_Define_b	F-IF-O v						
User_Define_c		F-I-F-O	*				
User_Define_d	F-UF-O 💌						
User_Define Port number (1~65535) Mask(0~255)	User_Define_a Port Mask 0	User_Define_b Port Mask_0	User_Define_c Port Mask 0	User_Define_d Port: Mask:0			
Note:The mask defines which bit is ignored w For example, UDP/TCP port = 65535 and mas UDP/TCP port =65535 and mask=0, this mea UDP/TCP port =65535 and mask=0, the Note:When the "override" item is selected, the	Ithin the IP address bit 0 ~ bit 7. k = 5,this means 65530, 65531, 6 ns only 65535 is taken into account rt QOS function Not Overlide V Port_based, Tag_based, IP TOS	5534 and 65535 are all taken into a nt. .based, CoS listed above will be ign	account.				
		Update					
The Class of Service for TCP/UDP port number FJ-F-O: The incoming packet will be forwared in Discard: The incoming packet will be discarde Hight: The incoming packet will be forwareded Low: The incoming packet will be forwareded	er allows the network administrato in first-in-first-out scheme. Id at the source port. with the high priority. with the Low priority.	r to assign the specific application i	lo a priotity queue.				

Base on different protocol, you can choose four different types of Class of Service for each TCP/UDP port number -First-in-First-out, Discard, High Priority or Law Priority to control the incoming packet.

Click "Update" to confirm and finish the setting.

Now, the setting of "Class of Service" is finished.

Security: MAC Address Filter

24Port 10/100 + 2	Port Giga WebSwitch 🛱 🛱		7 6							
 Administrator Port Management 	MAC Address Binding									
VLAN Setting	Port No.		MAC Address							
 QoS Setting Security Spanning Tree Trunking Declaration 	1									
Select Port OL + Bindine Etable + Update										
> Miscellaneous > Logout	Note: If you enable the MAC address binding fu	action, the address leaning function will be disabled out	constically. Then both RSTP/STP and addre	m learning will be affected.						
	Fort No.	Binding Status	Port No.	Binding Status						
	1	Enable	14	Enable						
	2	Enable	15	Enable						
	3	Enable	16	Disable						
	4	Enable	17	Enable						
	5	Enable	18	Enable						
	6	Enable	19	Enable						
	7	Enable	20	Enable						
	8	Enable	21	Enable						
	9	Enable	22	Enable						
	10	Enable	23	Enable						
	11	Enable	24	Enable						
	12	Enable	25	Enable						
	13	Enable	26	Enable						
	Note: The M&C address of current management of	connection is 00:18:13:3a:e3:81 at nort 16								

Set special MAC address to activate on the selected port

- 1. Choose "Select Port" port 1~26
- 2. Binding– Enable: allow the packet with the specified source MAC address to enter this port.
- 3. Click "Update" to confirm and finish the setting.

Now, the setting of "MAC Address Filter" is finished.

Security: TCP_UDP Filter Configuration

24Port 10/100 + 2Port 0	Giga WebSwit	ich 🛱			6 18 20 22 24							
 Administrator Port Management 	TCP_UDP Filte	er Config	uration									_
 VLAN Setting Per Port Counter 	Function Enable	Disable	,									_
▷ QoS Setting ▷ Security ▷ Spanning Tree	Port Filtering Rule	negative Note: (1)The outp (2)"negative "positive	roing packet w e* means the s e* means the se	ifh selected proto: elected protocol w elected protocol w	ol will be either forwa ill be dropped and oth ill be forwarded and ot	nted or dropped at sec er protocols will be fo her protocol will be d	ure WAN port as the rwarded. ropped.	figue theon below.				
 Trunking Backup.Recovery 	Brotocol	FTP (20,21)	(22)	TELNET (23)	SMTP(25)	DNS(53)	TFTP(69)	HITP (80,8060)	POP3(110)	[]NEWS (119)	[123)	[137-
 Miscellaneous Logout 	Flatocal	SNMP (161,162)	HTTPS (443)	[]XRD_RDP (3389)	BOOTP_DHCP (67,68)	User_Define_a	User_Define_b	User_Define_c	User_Define_d			
		Port01	Port02	Post03	Port04	Port05	Port06	Port07	Port08	Port09	Port10	□ P
	Secure WAN port	Port13	Port14	Port15	Port16	Port17	Port18	Port19	Port20	Port21	Port22	□ P
	Note:The description TELANET Chier FTP Chiert HTTP Chiert Chiert o	of Secure Wi	26 NN port is show 	Switch Engine	Server aic Check ICI editination selected p P 2 forthe gen Server aix Server	e. ADP port at the hydrod host. TIE LIN FTF HTT ELEN FTF add the protocol hydrod host. FTF HTT S def the protocol hydrod host. HTT HTT HTT HTT HTT HTT HTT HT	Update ET Server, Server, P Server T Server, Server, Server					

You can enable or disable this function of per port.

If the "Function Enable" is "Enable", please kindly check the following setting:

1. "Port Filtering Rule" –

Deny: the outgoing packets to the selected port with selected protocol will be dropped and other protocols will be forwarded.

Allow: the selected protocol will be forwarded and other protocol will be dropped.

2. Protocol – choose protocols which you want.

3. Secure WAN Port- choose secure ports which you want.

**Note 1:

- a. The secure WAN port should be set at the physical port which is connected to the server.
- b. Once this function is enabled, the switch will check the destination TCP/UTP port number at the outgoing direction of the secure WAN port.

If the condition matches, this packet will be dropped or forwarded.

**Note 2: The description of Secure WAN port is shown on the bottom of this screen.

4. Click "Update" to confirm and finish the setting.

Now, the setting of "TCP/UDP Filter Configuration" is finished.

Spanning Tree: STP Bridge Settings

24Port 10/100 + 2Port Giga WebSwitch (부수수수수수수수수수수수수수수수수수수수수수수수수수수수수수수수수수수수수											
 Administrator Port Management 	STP Bridge S	ettings									
VLAN Setting		8.	TP Bridge Status			1					
Per Port Counter	STP Mode	Bialge Faionity Helio Tame Max Age Forward Delay									
P QoS Setting	011 21000	(0-61440) (1-103ec) (6-402ec) (4-303ec)									
Security											
🌝 Spanning Tree											
STP Bridge Settings	Motor 27/Dynawd Dylaw (1) 54 Mar 409										
 STP Port Settings 	Note: 2º/Forward D	(NUS: 2"(Portnet Date: 1) >= 644 Age.									
Trunking	Max Age >= 2"(Hel	1/4x Age >> 2"(Hello Tume+1)									
Backup Recovery											
Miscellaneous											
Logout				STP Brid	ge Status						
	STP Mode	Bridge	ID	Hello Time	Max Age	Forward Delay	Root ID				
	RSTP	32768:10 PO 1	3 FO 18 26	2	20	15	I'm the root bridge!				

This setting is to avoid the loop network.

- 1. Select the "STP Mode"- choose "Disable", "STP" or "RSTP"
- 2. Set the "Bridge Priority" Set the priority of the Bridge
- 3. Set the period of "Hello Time" packet Provides the time period between root bridge configuration messages.
- 4. Set the "Max Age" Indicates when the current configuration message should be deleted.
- 5. Set the "Forward Delay" time Provides the length of time that bridges should wait before transitioning to a new state after a topology change. (If a bridge transitions too soon, not all network links might be ready to change their state, and loops can result.)
- 6. Click "Submit" to confirm and finish the setting.

Now, the setting of "STP Bridge Settings" is finished.

Spanning Tree: STP Port Settings

24Port 10/100 + 2Port Giga WebSwitch 후류루루루 유유 유유 등 유유 등 등 등 등 등 등 등 등 등 등 등 등 등									
Administrator	STD Bart Sat	tingo							
Automistator	SIPPortSet	ungs							
Port Management									
VLAN Setting		STP Port Settings							
Per Port Counter			RFC						
QoS Setting		Priority							
Security	Fort No.	0-240) (1-	-20000000)						
Comming Teas		0.0107	0=AUTO						
Spanning free									
Trunking									
Backup/Recovery		Submit							
Miscellaneous	0								
Logout									
-									
		7.60	1 norm	STP Port Status					
	FOIT NO.	KPC Antro	Phoney	2000	S18100	Designated Dringe	Designeed Fort		
		Auto-0	0,00		Disable				
		Auto-0	0,60		Disable				
		Anto-D	0,00		Disable				
	5	Auto:0	0,80		Disable				
	6	Auto:0	0,60		Disable				
	7	Auto 0	0,600		Disable		-		
	8	Auto:0	0,60		Disable				
	9	Auto:0	0x80		Disable		-		
	10	0.ctuA	0:60	- 1	Disable		- 1		
	11	Auto 0	0:690		Disable				
	12	Auto 0	0:x90		Disable				
	13	Auto 0	0:690		Disable				
	14	Auto 0	0:x90		Disable		-		
	15	Auto:0	0:690		Disable				
	16	Auto:200000	0x80	Designated Port	Forwarding				
		Aupil	0.00		Disable				
		Auto 0	0.480	<u> </u>	Disable				
		Auto 0	0.480	<u> </u>	Disable				
		Auto 0	0x80	<u> </u>	Dankle				
	22	Avto:0	0x80	<u> </u>	Disable				
	23	Auto:0	0x60	<u> </u>	Disable	·	<u> </u>		
	24	Auto:0	0x60		Disable				
	25	Anto:0	0x80		Disable				
	26	Auto:0	0.60		Disable	i			

- 1. Choose "Port No." : Port $1 \sim Port 26$
- 2. Choose "Priority": $0 \sim 240$

3. "RPC" = Root Path Cost: 0 = AUTO. When the loop is found, the STP/RSTP will calculate the cost of its path.

Trunk Setting: Trunk Configuration

24Port 10/100 + 2P	Port Giga WebSwitch 🛱				18 20 10 10 17 19	22 24 21 23	25 26	ı				
* Administrator	Trunking											
 Port Management VLAN Setting Per Port Counter 	System Pri Link Aggregation	System Priority			1 (1-65535) MAC Sin&Tat							
QoS Setting Security	Solecut											
Trunking Unk Appregation Settings	Refresh											
Backup Recovery	1	1	Link Grown 1 Link Grown 2				Link	Group 3				
Miscellaneous		P1	P2	P3	P4	P5	P6	17	P8	P25	P26	
Logout	Member		-	.					-	-	-	
	State	Disable 🗸				Disable 🗸				Disable 🗸		
	Туре	LACP 🗸			LACP 🗸			î	LACP V			
	Operation Key	1 (1~65535)			35)	2 (1~65535)			35)	3	(1~65535)	
	Time Out	Short Time Out 🤜				Short Time Out 👻			Short Time Out 🗸			
	Activity	Passive 🗸				Passive 🗸			Passive 🖌			
					S	ticado						

There are two groups to choose and each group is 4 ports and the third group is for 2 ports.

Click "Submit" to confirm and finish the setting.

```
"State" – Enable / Disable
"Type" – LACP/ Static
"Activity" – Active/Passive: Both switches use "LACP" to
configure the Trunk, at least one of them should be "Active".
```

Configuration Backup/Recovery

24Port 10/100 + 2Port Giga WebSwitch 🛱 흥승 부분 부분 부분 부분 부분 분 분 분 분 등 등 등 등 등 등 등 등						
Administrator Port Management VLAN Setting Port Counter OoS Setting Security	Configuration Backup Recovery Backup(Switch—PC) Please check "Download" to download EEPROM contents. Download					
 Spanning Tree Troubing Backing Recovery Maccellaneous Logont 	RecoveryPC-Switch) Seekt The image file:					

Follow the instruction on the screen to update the original setting.

"Backup" - Click "Download" to confirm the setting. "Recovery" – selects a file and key in the password \rightarrow Click "Update" to confirm the setting.

Miscellaneous: Miscellaneous Setting

Administrator	Miscellaneous Setting											
Port Management												
VLAN Setting	Output Queue Aging Time											
Per Port Counter QoS Setting Security	Aging time Dealer m ms ms ms ms ms ms ms ms ms m											
Spanning Tree	VLAN Striding											
Trunking Backup Recovery	View When this function is enabled, the switch will forward a unicast packet to the destination port. No matter whether the destination port is in the same VLAN group.											
Miscellaneous	IGMP Snooping V1 & V2											
(Lopua	Davide v (DMP Snooping V1 & V2 function enable Davide v											
	VLAN Uplink Setting											
	Part81 Port82 Port83 Part84 Port69 Part86 Port79 Port89 Part89 Port199 Port11 Port12 Port11 Port12 Port13 Port12 Port13 Port13 Port13 Port13 Port13 Port13 Port11 Port11 Port12 Port13 Port14 Port14											
	Port14 Port15 Port16 Port17 Port18 Port19 Port20 Port21 Port22 Port23 Port24 Port26 Port26 Port26 Port20 Port20<											
	⊂Ciear Uplink1 ⊙Ciear Uplink2											
	Update											

- 1. "Aging Time" You can set queue aging time into different milliseconds or disable this function.
- 2. "VLAN Striding" You can enable/disable this function.
- 3. "IGMP Snooping V1 & V2" You can enable/disable this function.
- 4. "VLAN Uplink Setting" Set "uplink1 or uplink2" or "Clear uplink1" or "Clear uplink2"
- 5. Click "Update" to confirm and finish the setting.

Logout: You can click "Logout" to logout.

When you forgot your IP or password, please use the reset button for the factory default setting?

Please take the following steps to reset the Web Smart Switch back to the original default:

Step 1:

Turn on the Web Smart Switch

Step 2:

Press and hold the reset button continuously for 5 seconds and release the reset button.

Step 3:

The switch will reboot for 20 seconds and the configuration of switch will back to the default setting.

User Login					
Site:	192.168.2.1				
ID:	admin				
Password:	•••••				
	OK				

Key in the user ID and the password to pass the authentication; the user ID and the password are "admin"

IP: 192.168.2.1 ID: admin Password: admin