SW1204 firmware programming SOP

1. Preparation

- 1. 1 network cable
- 2. 1 computer
- 3. Firmware File

- 2. Connect the machine and computer with an Ethernet cable
- 2.1 The machine is connected to any network port in the red box



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3. Set the computer to a fixed IP address

3.1 Open the computer settings, enter the network and Internet options, find IP allocation, and click Edit

d a setting C	L 以太网 Not connected	,
Home	Authentication settings	Edit
System	Metered connection Some apps might work differently to reduce data usage when you're connected to this network	Off
Bluetooth & devices	Cat a data limit to help control data usage on this natural	
Network & internet	Set a data limit to help control data usage on this network	
Personalization	IP assignment: Automatic (DHCP)	Edit
Apps	DNS server assignment: Automatic (DHCP)	Edit
Accounts		
Time & language	Manufacturer: Realtek Description: Realtek PCIe GbE Family Controller	Сору
	Driver version: 10.50.511.2021	
Gaming	Physical address (MAC): 54-05-DB-D5-97-98	

3.2 Set IP allocation to manual, IP address to 192.168.169.33, subnet mask to 255.255.255.0, gateway to 192.168.169.1, preferred DNS to 255.255.255.0, and finally click Save.

Manual	~
Pv4	
On On	
IP address	
92.168.169.33	
Subnet mask	
255.255.255.0	
Gateway	
192.168.169.1	
Preferred DNS	
255.255.255.0	×
DNS over HTTPS	
	0
Save	Cancel

V1.0

4. Enter the machine Web interface and burn the new firmware

4.1 Enter the IP address of the computer's default browser: 192.168.169.1, enter the account: admin, password admin, and finally click LOGIN



4.2 After entering the Web interface, click Management---Firmware---

Upgrade/Backup in the left menu bar, then click "Select File" in the upper menu bar, select the firmware file you want to burn, and finally click Apply.

\bigcirc	V12 / 8-Port Gigabit L2 Management Switch with 4 Gigabit Combo Port		
SILENT ANGEL	Management 🔅 Firmware 🔅 Upgrade / Backup		
Status System Information Logging Message Port Link Aggregation MAC Address Table Network Port VLAN MAC Address Table Spanning Tree Discovery Mutticast Security ACL QoS Biognostice Management Upgrade / Backup Latve Imgo Configuration SIMP RMON	Action Operate Backup Introd Introd Introd Introd Introd Introd		

4.3 Wait for about 1 minute and click OK in the pop-up box.



V1.0

4.4 Change the boot firmware to 1.0.3 and click Apply.

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SILENT ANGEL	Management)) Firmware)) Upgrade / Backup	
Status			
System Information Logging Message Port Link Aggregation MAC Address Table	Active Image	Image0 Image1 Note: the image was selected for the next boot	
Network	Active Image		
Port	Firmware	Image0	
VLAN	Version	1.0.2	
MAC Address Table	Name		
Spanning Tree	Size	6494391 Bytes	
Discovery	Crusted		
Multicast	Created	2021-08-19 10.51.19	
Security	Backup Image		
ACL	Firmware	Image1	
QoS	Version	103	******
Diagnostics	Name	Thunder Data CO012A 1.0.2 umlinus such his	
Management	Name	Thunder_Data_GS812A_1.0.3_Vminux_web.blx	
Firmware	Size	6485496 Bytes	
Upgrade / Backup	Created	2022-01-12 11:49:03	
Active Image			
Configuration	Арріу		
RMON			

4.5 Finally, click Reboot, restart the machine and wait for about 1 minute

\bigcirc	V12 / 8-Port Gig	jabit L2 Management Switch with 4 Giga	it Combo Port
SILENT ANGEL	Management	🔅 Firmware 🕅 Upgrade / Backup	
Status			
System Information Logging Message Port Link Aggregation MAC Address Table	Active Image	Image0 Image1 Note: the image was selected for the next boot	
Network	Active Image		
Port	Firmware	Image0	
VLAN	Version	1.0.3	
MAC Address Table	Name	Thunder_Data_GS812A_1.0.3_vmlinux_web.bix	
Spanning Tree	Size	6485496 Bytes	
Discovery	Created	1 2022-01-12 11:49:03	
Multicast			
Security	Backup Image		
ACL	Firmware	image1	
Diannostics	Version	1.0.2	
Management	Name		
User Account	Size	6484381 Rytes	
 Firmware 	Creater	2021.09.10 16.51.10	
Upgrade / Backup	Creater	2021-00-18 10.51.18	
Active Image	Apply		
 SNMP 			
· RMON			

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4. After the machine is reconnected, enter the account and password admin again to check whether the burning is successful.

S Username: Password:	ILENT ANGEL
	LOGIN
	12 / 8-Port Gigabit L2 Management Switch with 4 Gigabit Combo Port Management Firmware Active Image
Status System Information Logging Message Port Link Aggregation	Active Image image image was selected for the next boot
MAC Address Table	Active Image
 Network 	Active induc
	Firmure Instal
Port	Firmware Image1
Port VLAN MAC Address Table	Firmware Image1 Version 1.0.3
Port VLAN MAC Address Table Spanning Tree	Firmware Image1 Version 1.0.3 Name Thunder_Data_GS812A_1.0.3_vmlinux_web.bix
Port VLAN MAC Address Table Spanning Tree Discovery	Firmware Image1 Version 1.0.3 Name Thunder_Data_GS812A_1.0.3_vmlinux_web.bix Size 6485496 Bytes
	Firmware Image1 Version 1.0.3 Name Thunder_Data_GS812A_1.0.3_vmlinux_web.bix Size 6485496 Bytes Created 2022-01-12 11:49:03
	Firmware Image1 Version 1.0.3 Name Thunder_Data_GS812A_1.0.3_vmlinux_web.bix Size 6485496 Bytes Created 2022-01-12 11:49:03
	Firmware Image1 Version 1.0.3 Name Thunder_Data_GS812A_1.0.3_vmlinux_web.bix Size 6485496 Bytes Created 2022-01-12 11:49:03 Backup Image Image
	Firmware Image1 Version 1.0.3 Name Thunder_Data_GS812A_1.0.3_vmlinux_web.bix Size 6485496 Bytes Created 2022-01-12 11:49:03
	Firmware Image1 Version 1.0.3 Name Thunder_Data_GS812A_1.0.3_vmlinux_web.bix Size 6485496 Bytes Created 2022-01-12 11:49:03 Backup Image Image0 Version 1.0.2
	Firmware Image1 Version 1.0.3 Name Thunder_Data_GS812A_1.0.3_vmlinux_web.bix Size 6485496 Bytes Created 2022-01-12 11:49:03 Backup Image Image0 Version 1.0.2 Name Name
	Firmware Image1 Version 1.0.3 Name Thunder_Data_GS812A_1.0.3_vmlinux_web.bix 6485496 Bytes 6485496 Bytes Created 2022-01-12 11:49:03 Backup Image Image0 Version 1.0.2 Name Size 6484381 Bytes 6484381 Bytes
	Firmware Image1 Version 1.0.3 Name Thunder_Data_GS812A_1.0.3_vmlinux_web.bix Size 6485496 Bytes Created 2022-01-12 11:49:03 Backup Image Image0 Version 1.0.2 Name 1.0.2 Name 6484381 Bytes Created 2021-08-19 16:51:19
	Firmware Image1 Version 1.0.3 Name Thunder_Data_GS812A_1.0.3_vmlinux_web.bix Size 6485496 Bytes Created 2022-01-12 11:49:03 Backup Image Image0 Firmware Image0 Version 1.0.2 Name 6484381 Bytes Created 2021-08-19 16:51:19
	Firmware Image1 Version 1.0.3 Name Thunder_Data_GS812A_1.0.3_vmlinux_web.bix Size 6485496 Bytes Created 2022-01-12 11:49:03 Backup Image Image0 Version 1.0.2 Name 5ize 6484381 Bytes 6484381 Bytes Created 2021-08-19 16:51:19
	Firmware Image1 Version 1.0.3 Name Thunder_Data_GS812A_1.0.3_vmlinux_web.bix Size 6485496 Bytes Created 2022-01-12 11:49:03 Backup Image Image0 Version 1.0.2 Name 6484381 Bytes Created 2021-08-19 16:51:19

5. After the machine is burned, the computer needs to be set back to the automatic IP acquisition mode