Schnellanleitung

ALLNET®

ALL-SG8826MX-10G

Um die Weboberfläche des ALL-SG8826MX-10G aufzurufen, starten Sie bitte Ihren Webbrowser.

Die Standardwerte sind:

IP-Adresse: 192.168.2.1

Passwort: admin

Geben Sie Ihrem PC/Computer eine IP-Adresse aus dem Subnetz 192.168.2.**X** (**X = 2-254**) und die Subnetzmaske 255.225.225.0.

Starten Sie Ihren Internetbrowser, tippen Sie **192.168.2.1** in das Adressfeld ein und bestätigen Sie mit Enter.

Loggen Sie sich in der Anmeldemaske mit **admin** als Passwort ein.



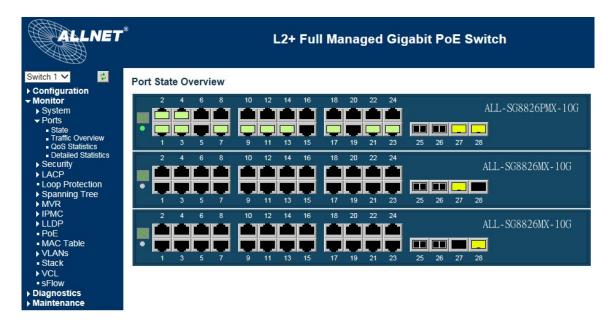
RESET / ZURÜCKSETZEN IN AUSLIEFERUNGSZUSTAND:

Drücken Sie den Reset-Taster für ca. 30 Sekunden.

Anschließend startet das Gerät mit den oben genannten Standardwerten neu.

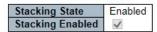
Stack Konfiguration

Übersicht: Monitor - Ports - State



Konfiguration - Stack

Stack Configuration



Delete	Stack Member	Switch ID	Mas	ster	Stack Ports	Switch Status	Switch Type
Delete	Stack Wember	SWITCH ID	Capable	Priority	Stack Ports	Switch Status	Switch Type
	00:0F:C9:09:09:B4	1 🗸	Yes	1 🗸	27,28 🗸	Active	PoE Switch
	00:0F:C9:78:36:E3	2 🗸	Yes	3 🗸	27,28 🗸	Active	Managed Switch
	00:0F:C9:52:22:D5	4 🗸	Yes	3 🗸	27,28 🗸	Active	Managed Switch

☐ Start Master Election



Monitor - Stack

Master Forwarding Table

Stack Topology				Auto-ref	fresh 🗆 🛭	Refresh
State		Stacking Enabled				
Topology		Chair				
Member Count						
Last Topology Change	2014-12-1	1T08:30:55+01:00				
Master Switch		00:0F:C9:09:09:B4				
Last Master Change	2014-12-1	1T08:30:55+01:00				
Stack List						
Stack Member	Switch		Product		Master	
Stack Wember	ID	Name	Version	Priority	Time	Reelect
			D-E (-1-1-1-1-) 1-1-1-1-1-1-01-1-1-1-1-1-1-1-1-1-1-1		0.1	

Stack Member	Switch		Product		Master	
Stack Welliber	ID	Name	Version	Priority	Time	Reelect
00:0F:C9:09:09:B4	1	PoE Switch	PoE (stackable) dev-build by allan@localhost.localdomain 2014-10-20T17:44:04+08:00 Config:smb_switch_stackable_jr1_ref.	1	0d 05:22:22	No
00:0F:C9:78:36:E3	2	Managed Switch	Managed (stackable) dev-build by allan@localhost.localdomain 2014-10-16T15:28:29+08:00 Config:smb_switch_stackable_jr1	3	-	No
00:0F:C9:52:22:D5	4	Managed Switch	Managed (stackable) dev-build by allan@localhost.localdomain 2014-10-16T14:43:46+08:00 Config:smb_switch_stackable_jr1_	3	15	No

•						
Stack Member	Switch ID	Ports	Dist	ance	Forwa	arding
Stack Wember	SWITCH ID	Ports	Port 27	Port 28	Port 27	Port 28
00:0F:C9:09:09:B4	1	1-26	0	0	Local	Local
00:0F:C9:78:36:E3	2	1-26	1	-	Active	-
00:0F:C9:52:22:D5	1	1-26	_	1	_	Activo

Der ALL-SG8826MX-10G unterstützt eine Stacking-Funktion. Hierbei werden zwei SFP+ Ports verwendet. Das ermöglicht mehrere Switche (bis zu 16) als Einheit zu betreiben.

In einem gemanagten Stack muss ein Master-Switch (oder nur "Master") ausgewählt werden. Alle anderen Switche sind Slave-Switche (oder nur "Slave")

Um einen Master zu wählen, müssen folgende Kriterien erfüllt werden:

- 1. Wenn ein Switch für mehr als 30 Sekunden vorgibt ein Master zu sein, dann wird er der Master-Switch.
- 2. Wenn mehrere Switche für mehr als 30 Sekunden vorgeben ein Master zu sein, dann ist der Master-Switch der, der die längste Zeit Master war.
- 3. Der Switch mit höchster Stack-Priorität.
- 4. Der Switch mit der kleinsten MAC-Adresse.

Der im Screenshot zu sehende Ablauf stellt sicher, dass, wenn einmal ein Master für mehr als 30 Sekunden gewählt wurde, dieser es auch bleibt. Der Benutzer kann jedoch eine neue Master-Wahl durchführen, indem er auf "Start Master Election" klickt und anschließend mit "Save" bestätigt. Dies bewirkt, dass die ersten beiden Kriterien für 10-15 Sekunden ignoriert werden können, damit die Master-Wahl auf der Priorität und der MAC-Adresse basiert. Auf der "Stack State Monitor"-Seite, wird dies durch ein "Yes" in der "Reelect"-Spalte für einen der Switches im Stack angezeigt.

BEACHTE:

Beim Stacken eines PoE-Switches mit einem NICHT-PoE-Switch muss immer ein PoE-Switch der Master sein. Dieser Switch sollte die höchste Priorität im Stack haben (die Nummer mit höchster Priorität ist die "1").

Quick Install Guide

ALL-SG8826MX-10G



To access the web interface of the ALL-SG8826MX-10G, please start your browser.

This are the factory default settings:

IP-Adresse: 192.168.2.1

Passwort: admin

Use this configuration to access the webinterface for you PC: IP:192.168.2.**X** (**X = 2-254**) Subnetmask 255.225.225.0.

Next start your browser and type **192.168.2.1** into the browser address bar. Apply with enter.

Now you can log onto the webinterface with password **admin**.



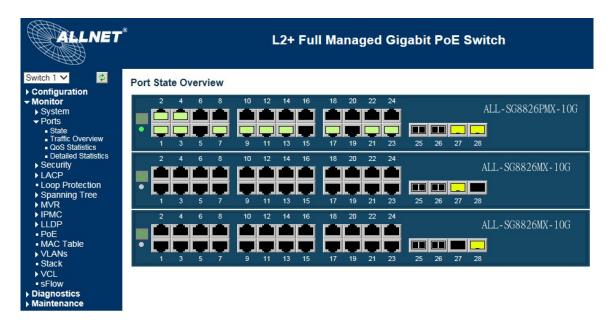
RESET TO FACTORY DEFAULT:

Press the reset button for about 30 seconds.

Then the device will restart with factory default settings.

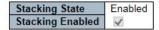
Stack Configuration

Overview: Monitor - Ports - State



Configuration – Stack

Stack Configuration



Delete	Stack Member	Switch ID	Mas	ster	Stack Ports	Switch Status	Switch Type
Delete	Stack Wember	SWITCH ID	Capable	Priority	Stack Ports	Switch Status	Switch Type
	00:0F:C9:09:09:B4	1 🗸	Yes	1 🗸	27,28 🗸	Active	PoE Switch
	00:0F:C9:78:36:E3	2 🗸	Yes	3 🗸	27,28 🗸	Active	Managed Switch
	00:0F:C9:52:22:D5	4 🗸	Yes	3 🗸	27,28 🗸	Active	Managed Switch

☐ Start Master Election



Monitor - Stack

State		Stacking Enabl	led			
Topology		Cha				
Member Count			3			
ast Topology Change	2014-12-1	1T08:30:55+01:	:00			
Master Switch		00:0F:C9:09:09:I	B4			
ast Master Change	2014-12-1	11T08:30:55+01:	:00			
tack List						
	Switch		Product		Master	
tack List Stack Member	Switch ID	Name	Product Version	Priority	Master Time	Reele
		Name PoE Switch		Priority		Reele
Stack Member		2000	Version PoE (stackable) dev-build by allan@localhost.localdomain 2014-10-20T17:44:04+08:00	Priority 1	Time 0d	

Master	Forws	ardina	Table
Mastel	LOI MS	ııuılıu	Iable

Stack Member	Switch ID	Ports	Dist	Distance		arding
Stack Welliber	SWITCH ID	FOILS	Port 27	Port 28	Port 27	Port 28
00:0F:C9:09:09:B4	1	1-26	0	0	Local	Local
00:0F:C9:78:36:E3	2	1-26	1	-	Active	-
00:0F:C9:52:22:D5	4	1-26	-	1	1.5	Active

The ALL-SG8826MX-10G includes a stacking feature by using two SFP+ ports. This allows multiple switches (up to 16) to operate as a single unit. You can set the stack configuration here.

Within a managed stack, one master switch (or just "master") must be elected. Any switch not being master is a slave switch (or just "slave").

To elect a master, the following criteria are evaluated sequentially:

- 1. If any switch already claims to have been master for more than 30 seconds, then that switch will become master.
 - 2. If multiple switches claim to have been master for more than 30 seconds, then the switch which has been master for the longest period of time will become master.
 - 3. The switch with the highest stack priority.
 - 4. The switch with the smallest MAC address.

The above algorithm ensures that once a master has been elected and has been master for more than 30 seconds, it will remain master. However in some cases the user may want to enforce a new master election. This is done by clicking "Start Master Election", followed by "Save". This causes the first two criteria to be ignored, thereby basing master election only on master priority and MAC address. When master election is enforced, the first two criteria are ignored for a period of 10-15 seconds. On the Stack State Monitor web page, this is shown by "Reelect" being set to "Yes" for one of the switches in the stack.

NOTE:

When stacking a PoE switch with a non-PoE switch, one PoE switch must always be the master. This switch should have the highest priority in the stack (highest priority is number "1").

CE-Declaration of Conformity





Germering, 31st of October, 2014

24-Port 10/100/1000Base-T + 2-Port 10G SFP ALL-SG8826MX-10G



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This equipment meets the following conformance standards:

EN55022:2010: Class A

IEC61000-3-2:2005+A1:2008+A2:2009

IEC61000-3-3:2008

EN55024:2010

IEC61000-4-2:2008

IEC61000-4-3:2006+A1:2007+A2:2010

IEC61000-4-4:2004+A1:2010 IEC61000-4-5:2005

IEC61000-4-6:2008

IEC61000-4-8:2009

IEC61000-4-11:2004

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This declaration is made by

ALLNET GmbH Computersysteme Maistraße 2 82110 Germering Germany

Germering, 31.10.2014

Wolfgang Marcus Bauer







Germering, 31st of October, 2014

24-Port 10/100/1000Base-T + 2-Port 10G SFP ALL-SG8826MX-10G



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IEC61000-4-6:2008

IEC61000-4-8:2009

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Germering, 31.10.2014

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