

# Schnellanleitung

## 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.

A screenshot of a web browser displaying a login page. The page has a dark gray background with a lighter gray border. At the top, the word "LOGIN" is written in white capital letters. Below it, the text "Password:" is followed by a white rectangular input field. To the right of the input field is a button labeled "Apply" in a lighter gray box.

### 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

**ALLNET®** L2+ Full Managed Gigabit PoE Switch

Switch 1

- Configuration
  - Monitor
    - System
    - Ports
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      - QoS Statistics
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    - Security
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    - Loop Protection
    - Spanning Tree
    - MVR
    - IPMC
    - LLDP
    - PoE
    - MAC Table
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    - Stack
    - VCL
    - sFlow
  - Diagnostics
  - Maintenance

**Port State Overview**

ALL-SG8826PMX-10G

ALL-SG8826MX-10G

ALL-SG8826MX-10G

## Konfiguration – Stack

### Stack Configuration

Stacking State	Enabled
Stacking Enabled	<input checked="" type="checkbox"/>

Delete	Stack Member	Switch ID	Master		Stack Ports	Switch Status	Switch Type
			Capable	Priority			
<input type="checkbox"/>	00:0F:C9:09:09:B4	1	Yes	1	27,28	Active	PoE Switch
<input type="checkbox"/>	00:0F:C9:78:36:E3	2	Yes	3	27,28	Active	Managed Switch
<input type="checkbox"/>	00:0F:C9:52:22:D5	4	Yes	3	27,28	Active	Managed Switch

☐ Start Master Election

Save Reset

## Monitor - Stack

### Stack Topology

Auto-refresh ☐ Refresh

State	Stacking Enabled
Topology	Chain
Member Count	3
Last Topology Change	2014-12-11T08:30:55+01:00
Master Switch	00:0F:C9:09:09:B4
Last Master Change	2014-12-11T08:30:55+01:00

### Stack List

Stack Member	Switch ID	Name	Product	Priority	Master	
			Version		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	-	No

### Master Forwarding Table

Stack Member	Switch ID	Ports	Distance		Forwarding	
			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	-	Active

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

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

### **BEACHTEN:**

**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**

**Password: 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**.

A screenshot of a web browser showing a login page. The page has a dark gray background with a lighter gray rounded rectangle in the center. Inside this rectangle, the word "LOGIN" is at the top. Below it, the text "Password:" is followed by a white rectangular input field. To the right of the input field is a button labeled "Apply".


### 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



### L2+ Full Managed Gigabit PoE Switch

Switch 1

Configuration

Monitor

System

Ports

State

Traffic Overview

QoS Statistics

Detailed Statistics

Security

LACP

Loop Protection

Spanning Tree

MVR

IPMC

LLDP

PoE

MAC Table

VLANs

Stack

VCL

sFlow

Diagnostics

Maintenance

#### Port State Overview

ALL-SG8826PMX-10G

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

1 3 5 7 9 11 13 15 17 19 21 23 25 26 27 28

ALL-SG8826MX-10G

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

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☐ Start Master Election

Save Reset

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Stack Member	Switch ID	Ports	Distance		Forwarding	
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00:0F:C9:78:36:E3	2	1-26	1	-	Active	-
00:0F:C9:52:22:D5	4	1-26	-	1	-	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").**





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For the following equipment:

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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*

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This equipment is intended to be operated in all countries.

This declaration is made by

ALLNET GmbH Computersysteme  
Maistraße 2  
82110 Germering  
Germany

Germering, 31.10.2014

  
\_\_\_\_\_  
Wolfgang Marcus Bauer  
CEO



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