## **KONFIGURATION FÜR MAGENTA TV**

Ausgabe: 07/2019

Zyxel GS1920-8HPv2

## Einleitung

Um den Magenta-TV-Receiver hinter dem Switch betreiben zu können, muss in diesem IGMP Multicast IPv4 aktiviert werden. Die folgende kurze Anleitung beschreibt den Weg über die Bedienoberfläche des Switches für die Konfiguration und die Möglichkeiten der Statusabfrage zu IGMP (show Befehle) via Kommandozeile (CLI).

#### Wichtiger Hinweis

Wir empfehlen vor dem Betrieb des Switches eine Prüfung auf neue Firmware. Der GS1920 sollte immer mit der aktuellen Firmware betrieben werden. Lesen Sie dazu die ausführliche Bedienungsanleitung, die Sie hier herunterladen können: xxxx

#### Konfiguration über die Bedienoberfläche

1.) Stellen Sie sicher, dass sich der PC im gleichen IP-Adressraum wie der Switch befindet. Der Switch hat in der Werkseinstellung eine statische IP Adresse (192.168.1.1) und ist nicht als DHCP-Client konfiguriert.

2.) Öffnen Sie einen Browser und geben Sie die Adresse des Switches ein (Auslieferungszustand: 192.168.1.1). Im folgenden Anmeldebildschirm geben Sie bitte Ihre Login-Daten ein. Voreingestellt sind admin/1234

ZYXEL	
Nebula Control Center	G\$1920-8HP
Register your Switch and enjoy the power of cloud controller, manage your Switch anywhere, anytime from any device, and it is free.	Enter User Name/Password and click Login.
Visit	Login
/	



Sollten Sie noch kein individuelles Passwort vergeben haben, werden Sie auf der folgenden Seite dazu aufgefordert. Wir empfehlen Ihnen dringend ein eigenes Passwort zu vergeben. Klicken Sie dazu auf Password/SNMP.

ZYXEL GS1920				Refresh	L Save	D Status	(B) Logout	(2) Help	Nebula
Menu Basic Setting Advanced Application IP Application Management	$\wedge$	Warning: 1. As a security 2. The SNMP co please chang	precaution, it i pommunity is use ge the commu	is highly recomm d for SNMP mana mity string to a va	ended tha agement a ilue other t	t you shoul and is set to than defau	d change tł public by c It setting.	ne admin   lefault. To	password. avoid security bre
System Into General Setup Switch Setup IP Setup Port Setup Interface Setup Interface Setup		Configure Passy	word / SNMP s	etting					
DNS Cloud Management					lg	nore			
T					_	© Cop	oyright 1995-20	18 by Zyxel C	ommunications Corp.

Vergeben Sie auf der folgenden Seite ein neues Passwort und sichern Sie dieses über den Apply-Button. Notieren Sie das Passwort an einer sicheren Stelle, bei Verlust muss der Switch in die Werkseinstellungen zurückgesetzt werden, um wieder Zugriff auf die Bedienoberfläche zu erhalten.

	Bei	Bedarf könner	n Sie hier auc	n die SNMP-Passwörte	r (Get/Set/Trap)	individualisieren.
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dvanced Application	Adminstrator				
Application	Old Password	••••			
lanagement	New Password	•••••	 		
	Retype to confirm	•••••			
P Setup Port Setup PoE Setup	SNMP General Setting				
nterface Setup	Version	v2c 🔻			
Pv6	Get Community	public			
ONS	Set Community	public			
Lioua Management	Trap Community	public			
		Apply Cancel			

#### **ERLEBEN, WAS VERBINDET.**



3. Nun gelangen Sie auf die Übersichtsseite. Im Bereich Device Status and Quick Configuration finden Sie den Punkt IGMP Snooping. Klicken Sie hier bitte auf Setting.

enu					
sic Setting	Status			Neigh	hbor
lyanced Application	Device Information				
vunced Application	Device Type	G\$1920-8HP	System Name	G\$1920	
plication	Boot Version	V1.00   04/12/2018	System Location		
Management	Firmware Version	V4.50(ABKZ.2)   08/30/2018	System Time	01/01/2016 00:14:36	
	Hardware Version	V2.0	System Up Time	000 days,00 hours,14 mins,39 see	cs
	MAC Address	bc:cf:4f:3e:fc:b4	Login Timeout(mins)	3	
	Serial Number	\$192L02002076	Registration MAC Address	bc:cf:4f:3e:fc:b4	
	Hybrid Mode	Standalone <u>QR Code</u>	Cloud Control Status	Disconnected	
	PoE Usage	0.0/130.0 W (0%)			
	Detail				
	IP Address Informati IPV4 Address Subnet Mask Default Gateway	on 192.168.1.1 255.255.255.2 0.0.0.0	1	<u>IP Setup</u>	
	IPV6 Global Unicast A	ddress			
	IPV6 Link-Local Addre	55		IPv6 configuration	
	Device Status and G	uick Configuration			
	STP	Disable Setting	SNMP Status (!)	Enable Setting	
	Port Mirroring	Disable Setting	802.1X Status	Disable Setting	
	Storm Control	Disable Setting	DHCP Relay	Disable Setting	
	IGMP Snooping	Disable <u>Setting</u>	IPSG	Disable <u>Setting</u>	
	Quick Links				
	Port Status	PoE Status	Link Aggregation Status	MAC Toble	
	Diagnostic	System Log	Remote Access Control	Tech-support	
	VLAN Setup	Service Access Control			

Im Folgenden Menü müssen Sie die markierten Optionen anklicken. Sichern Sie Ihre Einstellungen durch Betätigen des Buttons Apply.

	IGMP Sn	oopir	Ig				IPv4 M	ulticast Status	IGMP Snooping	VLAN IC	SMP Filtering Profi
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8	0	۲	4000	0	200		0	Denv V	Default	*	Auto *
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9	0	0	10001								
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Sichern Sie nun Ihre Einstellungen über den Button Save. Damit ist die Konfiguration abgeschlossen.

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# Statusabfrage über die Kommandozeile (CLI)

Nach dem Einloggen über Telnet auf das Gerät können über GS1920# show folgende Parameter abgefragt werden:

Show-Befehl	Beschreibung
ааа	AAA service configuration
alarm-status	the alarm-status
arp	ARP status
classifier	Classifier releated information
cloud	Cloud information
cloud-cert	Cloud cert information
cluster	Clustering Management
cpu-protection	CPU Protection
cpu-utilization	the cpu utilization
dhcp	DHCP Status
diffserv	the diffserv information
errdisable	errdisable configuration
Ethernet	ethernet information
Garp	GARP information
green-ethernet	Green Ethernet information
hardware-monitor	hardware-monitor information
https	HTTPS information
igmp-snooping	IGMP Snooping Setting
interfaces	Interface Information
ір	IP related information
ipv6	IPv6 related information
l2protocol-tunnel	layer 2 protocol tunneling
lacp	Link Aggregation Control Protocol
lldp	LLDP related information
logging	Logging
logins	logins related information
loopguard	Loop Guard Statistics
mac	MAC Addresses
mac-aging-time	MAC Learn Aging Time
mac-authentication	MAC authentication
mac-based-vlan	MAC-based VLAN status
mac-count	MAC Count
memory	memory usage
mirror	mirrored information

Show-Befehl	Beschreibung
mrstp	MRSTP
mstp	mstp
multi-login	Multi-login information
multicast	Multicast Status
mvr	MVR Status
policy	policy releated information
port-access-authenticator	Port access authenticator related information
port-security	port security information of all ports
рррое	PPPoE information
private-vlan	private VLAN status
privilege	current privilege level
pwr	PoE information
radius-accounting	RADIUS Accounting Server related information
radius-server	RADIUS Server related information
remote-management	remote management related information
rmon	RMON information
running-config	Current operating configuration
service-control	service control related information
snmp-server	SNMP related information
spanning-tree	spanning tree
ssh	SSH information
subnet-vlan	subnet-vlan information
system-information	the system-information
tacacs-accounting	TACACS+ Accounting Server related information
tacacs-server	TACACS+ Server related information
tech-support	tech-support
time	time information
time-range	Time Range
timesync	timesync information
trunk	Link Aggregation
version	firmware version
vlan	Vlan Status
vlan1q	Vlan1q information
voice-vlan	Voice Vlan related information