



## Niveo Professional NGS-Series Enterprise Switches

### Unmanaged Gb Switches (with PoE+/without PoE+) 8-16-24 Ports

**More information:**

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## Introduction

The Niveo Professional NGS-Series Enterprise Switches offer a wide range of configurations, designed for Audio/Video, Security and Broadcast integrations.

### True Enterprise Grade

The switches are designed and build with chipsets for industrial and enterprise application, made by US Chip manufacturers.



- Higher performance, extreme stability
- Capable of running in toucher conditions
- Extreme endurance

### Convenient Design for AV and IT

The NGS-Series offers switches in both front and rear port configurations for easy patching and clean looking finish in AV-racks:



*2 IT-Design Switches*



*1 AV-Design Switches*

### Supporting Dante

With 802.3az energy saving turned off on the NGSE8H, NGSE8Hx, NGSE8H-AV and NGSE8Hx-AV, switches are among the very few unmanaged switches in the industry capable of supporting Dante.



### Unparalleled Quality and Warranty

All Niveo NGS-switches are designed and constructed with true enterprise grade chipsets and components, to assure extreme durability and reliability needed for corporate networks. With **MTTF measures well over 100.000 hours**, these switches are designed to compete with Cisco Catalyst, Extreme Networks and Juniper switches and to stand out by great length against retail grade products from companies like Cisco SMB, Netgear, TP-Link and Luxul.



The manufacturing and quality standards go above and beyond its peers to assure the highest quality products. Every switch that leaves the factory goes through a rigid 72 hour stress testing, to make sure all functions meet the requirements.

Niveo Professional is proud to offer 10 Years limited warranty upon registration of the unit.

### Ultimate Installer Support

All Niveo Switches come included with lifetime access to software updates and support, without any additional costs for care packs.

The Niveo Switches come the ultimate installer support, making networking design and configuration a light breeze.

Support team is proud to assist integrators with:

- Network design advise
- Configuration assistance
- Creating configuration files
- Trouble shooting

## Enterprise switches Selection Table

	Gigabit Ports	Gigabit Fiber Ports	10Gb Fiber Ports (SFP+)	Virtual Stacking	PoE+	PoE+ Budget	Management	Supports Dante AES67 Cbranet	Supports Q-sys	Rear-ports	Supports HD-Over-IP	Warranty in years
<b>Switches:</b>												
NGSE8H	8				•	130W						10
NGSE8H-AV	8				•	130W				•		10
NGSE8Hx	8				•	235W						10
NGSE8Hx-AV	8				•	235W				•		10
NGSM8T2	8	2					L2/3	•	•		•	10
NGSME8H	8	2			•	130W	L2/3	•	•		•	10
NGSME8H-AV	8	2			•	130W	L2/3	•	•	•	•	10
NGSME8Hx	8	2			•	235W	L2/3	•	•		•	10
NGSME8Hx-AV	8	2			•	235W	L2/3	•	•	•	•	10
NGS16TP	16							•				10
NGSM16T2	16	2					L2/3	•	•		•	10
NGSME16T2H	16	2			•	250W	L2/3	•	•		•	10
NGSME16T2H-AV	16	2			•	250W	L2/3	•	•	•	•	10
NGS24TP	24							•				10
NGS24TP-AV	24							•		•		10
NGSM24T2	24						L2/3	•	•		•	10
NGSM24T2-AV	24						L2/3	•	•	•	•	10
NGSME24T2H	24				•	500W	L2/3	•	•		•	10
NGSME24T2H-AV	24				•	500W	L2/3	•	•	•	•	10
NGSM48T2	48		2		•		L2/3	•	•		•	10
NGSME48T2H	48		2		•	500W	L2/3	•	•		•	10
NGSM48T4	48		4		•		L2/3	•	•		•	10
NGSME48T4H	48		4		•	520W	L2/3	•	•		•	10
NGSME48T4Hx	48		4		•	1100W	L2/3	•	•		•	10
NGSME48T4H-RP	48		4		•	2*520W	L2/3	•	•		•	10
NGSME48T4Hx-RP	48		4		•	2*1100W	L2/3	•	•		•	10



## Specifications Unmanaged switches

Interface	NGSE8H	NGSE8Hx	NGSE8H-AV	NGSE8Hx-AV	NGS16TP	NGS24TP	NGS24TP-AV
10/100/1000M RJ45 Ports	8				16	24	24
<b>System Performance</b>							
Packet Buffer	144KB				4MB		
MAC Address Table Size	8K						
Switching Capacity	16Gbps				32 Gbps	48 Gbps	
Forwarding Rate	11.9Mpps				14.8Mpps		
<b>PoE Features</b>							
IEEE 802.3 af/at	IEEE 802.3 af/at				-		
Number of PSE Ports	8				-		
PoE Budget	130W	235W	130W	235W	-		
Power Feeding Detecting Capability on PD	•				-		
<b>L2 Features</b>							
Auto-negotiation					•		
Auto MDI/MDIX					•		
Flow Control (duplex)	802.3x (Full)				•		
	Back-Pressure (Half)				•		
Jumbo Frame					9.6K		
Buffer Memory	144K				4Mb		
<b>Mechanical</b>							
Power Input	100~240VAC						
Power Consumption	130 Watt	235 Watt	130 Watt	235 Watt	15 Watt (max)		
Dimension	266 x 160 x 44 mm				330*210*44 mm		
LED	Power, PoE, 10/100M Link/Act; 1000M Link/Act (Green On/Quick Blinking)				Power, 10/100M Link/Act; 1000M Link/Act (Green On/Quick Blinking)		
Operating Temperature	0~40°C						
Storage Temperature	-20~90°C						
Operating Humidity	10~90% (non-condensing)						
Weight	0.95 kg				2 kg		
Certification	FCC Class A				•		
	FCC Class B				-		
	CE				•		
	UL (UL60950-1)				-		
	CB (IEC60950-1)				-		
Rear facing	-	-	•	•	-	-	•
<b>Standard</b>							
IEEE 802.3 – 10BaseT					•		
IEEE 802.3u - 100BaseTX					•		
IEEE 802.3ab - 1000BaseT					•		
IEEE 802.3az Energy Efficient Ethernet (EEE)	-				•		



builds Network and Power products for AV and Security integrators, designed by and supported with AV and Security integrators.

Our aim is to make Network and Power as good as it can be with the application in mind. Selected proven technologies, combined with a range of proprietary feature, built with the best available chipsets and components make these products stand out against all its peers. The unparalleled support make it a class on its own!

Niveo Professional offers products in the following categories:

### Enterprise Switches



### Enterprise Routers



### Fiber Accessories



### UPS Systems



### PDU's



### Wireless Networks



### Business Switches



For more information, please contact your local representative or contact us at: [info@niveoprofessional.com](mailto:info@niveoprofessional.com) or visit our website:



[www.niveoprofessional.com](http://www.niveoprofessional.com)