WE MAKE NETWORKING EASY!

Niveo Professional Enterprise Series

NGSME9AVB

9-port Gigabit AVB switch with PoE+ and Dante support.



Ready-to-use AVB, Dante and PoE+ in one switch. Supported ports can be assigned to the Dante or AVB VLAN. A supported expansion connection provides up to 16 AVB ports.

Designed and manufactured in Germany.

See the technical specifications for AVnu Milan certification and supported port configurations.

PRODUCT DATASHEET

NGSME9AVB

9-PORT AVB POE+ SWITCH

NGSME9AVB

The EASY option for AVB

[redacted]

CERTIFIED*



GENERAL	ENVIRONMENT & DIMENSIONS
9 * Gigabit Ethernet Ports	High-performance security offload engine including IPSec, SSL, DTLS, and IKE
1- 8 ports for AVB/ 1-8 ports for Dante (user defined)	Hardware compliance with ARM Trustzone® architecture for DRM
1 x SFP 2500BASE-X rear connector for expanding to 16 ports AVB	FIPS-140 certified
4 x 802.3at PoE+ (up to 30W/port)	Dimensions : 160mm (W) x 35mm (H) x 146mm (D)
PoE+ support up to 120W in total	AVNU® MILAN® Bridge Certified
High performance, non-blocking, Gigabit Ethernet	48VDC/54VDC power input operation (135W)
Support for up to 16K MAC addresses, 10KByte Jumbo Frames	RoHS compliant
Supports 802.1 Audio Video Bridging (AVB) Gen 2*	Operating temperature -40°C to +85°C (industrial temperature range)
Time Sensitive Networking (TSN) Standards*, IEEE 1588v2 one-step PTP	Storage temperature -40°C to +85°C, max. gradient 5°C/min
Synchronous Ethernet*	Humidity 5% ... 95% RH non condensing
Quality of Service (QoS) support with 8 traffic classes	Altitude -300m ... +3000m
Supports 4096 802.1Q VLANs, three levels of 802.1Q security	Shock 15g 0.33ms, 6g 6ms
DDR4 2400 1GB, high-speed DRAM memory controller	Vibration 1g 5-2000Hz
e•MMC 5.1 Flash 16GB (up to 64GB)	EC Regulatory EN55024, EN55032, EN62368-1 (CE)
SPI Flash 64Mb	FCC
Protected against reverse polarity	MTBF 68.6 years
ESD protection (TVS)	Designed & manufactured in Germany
	3-years warranty

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