

NGSME9AVB

9-PORT AVB POE+ SWITCH

The EASY option for AVB

Niveo Professional introduces the brand new NGSME9AVB switch, offering a ready -out of the box- AVB switch that also supports Dante and PoE+. The switch requires no configuration or difficult firmware uploads, nor any payment or activation of AVB license fees.

Just unbox, plug-in and relax.

The switch can be expanded to an 18-port design with a simple expansion cable.

With a simple command, you can add or remove ports to the Dante-VLAN or the AVB-VLAN.

The industrial design en specifications, make this the most durable AVB-switch on the market.

**The EASY solution for
AVB & Dante & PoE+ on
the same switch**

**Designed &
Manufactured in
Germany**

**Expandable to 16 AVB-
ports**

**AVB ready out of the
box**

**No configuration or
firmware uploads
required**

CERTIFIED*



GENERAL

9 * Gigabit Ethernet Ports

1- 8 ports for AVB/ 1-8 ports for Dante (user defined)

1 x SFP 2500BASE-X rear connector for expanding to 16 ports AVB

4 x 802.3at PoE+ (up to 30W/port)

PoE+ support up to 120W in total

High performance, non-blocking, Gigabit Ethernet

Support for up to 16K MAC addresses, 10KByte Jumbo Frames

Supports 802.1 Audio Video Bridging (AVB) Gen 2*

Time Sensitive Networking (TSN) Standards*, IEEE 1588v2 one-step PTP

Synchronous Ethernet*

Quality of Service (QoS) support with 8 traffic classes

Supports 4096 802.1Q VLANs, three levels of 802.1Q security

DDR4 2400 1GB, high-speed DRAM memory controller

eMMC 5.1 Flash 16GB (up to 64GB)

SPI Flash 64Mb

ENVIRONMENT & DIMENSIONS

High-performance security offload engine including IPSec, SSL, DTLS, and IKE

Hardware compliance with ARM Trustzone® architecture for DRM

FIPS-140 certified

Dimensions: 160mm (W) x 35mm (H) x 146mm (D)

AVNU® MILAN® Bridge Certified (*Per 1-11-2021)

48VDC/54VDC power input operation (135W)

RoHS compliant

Operating temperature -40°C to +85°C (industrial temperature range)

Storage temperature -40°C to +85°C, max. gradient 5°C/min

Humidity 5% ... 95% RH non condensing

Altitude -300m ... +3000m

Shock 15g 0.33ms, 6g 6ms

Vibration 1g 5-2000Hz

EC Regulatory EN55024, EN55032, EN62368-1 (CE)

FCC (planned)

Protected against reverse polarity

MTBF 68.6 years

ESD protection (TVS)

Designed & manufactured in Germany

3-years warranty