



## Applications

- ▶ Handover points that integrates legacy audio infrastructure and modern RAVENNA / AES67 networks
- ▶ Studio applications

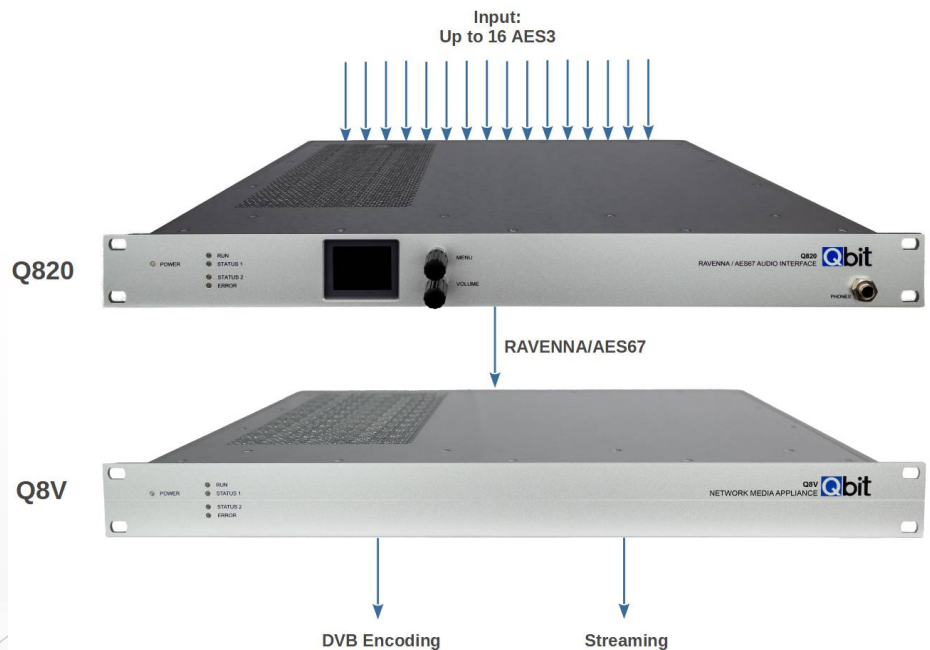
## Product Information

The Qbit Q820 RAVENNA / AES67 Audio Interface connects up to 16 digital (AES3) audio interfaces to RAVENNA / AES67 IP Audio networks.

Incoming audio signals are converted to RAVENNA / AES67 and can then be fed into IP Audio networks over redundant IP interfaces.

## Features

- ▶ Multi-channel audio interface for up to 16 stereo channels
- ▶ RAVENNA / AES67 SMPTE ST2110-30 compliant
- ▶ Dual network for redundant streaming outputs
- ▶ Digital audio inputs in AES3
- ▶ Embedded technology, very low power consumption



# Q820 RAVENNA / AES67 AUDIO INTERFACE

## Specifications

### Audio Inputs / Outputs

- Digital
- ▶ 4 x 4 AES/EBU, electrical, 16 channels
  - ▶ Sub-D 25 connectors for digital audio signals (TASCAM)
  - ▶ Sampling rate: 32 kHz, 48 kHz
  - ▶ 1 x AES10/MADI Interface (SFP Slot)

### IP Audio Inputs / Outputs

- RAVENNA / AES67 Audio Interface
- ▶ Supports RAVENNA and AES67
  - ▶ 2 x Gigabit Ethernet interface with RJ-45 connectors

### Network Interfaces

3 Ethernet interfaces  
(IEEE 802.3, RJ45, 10/100/1000 Mbit/s)

- ▶ 1x Management (Web interface, SNMP)
- ▶ 1x IP Audio output (RAVENNA / AES67 Out)
- ▶ 1x redundant IP Audio output (RAVENNA / AES67 Out)

### System Configuration, Control and Monitoring

- ▶ Via Ethernet with web browser
- ▶ Via Ethernet with SNMP
- ▶ Via the frontpanel keyboard and display

### Clocking

With word clock (WCLK) in / out

### Power Requirements

Supply voltage Integrated switching power supply, input voltage: 100 to 240 V +10 %, 50 to 60 Hz

Redundant power supply (optional)

Power consumption < 15 W

### Physical Parameters

Chassis 19" rack mount cabinet, 1U

Size

- ▶ Width: 483 mm
- ▶ Depth: 360 mm
- ▶ Height: 44 mm

Weight 5 kg

### Environment

Operating temperature 0 to 45 °C

Storage temperature -20 to 70 °C

Humidity 20 to 90 %, non-condensing

## Support Options

We are convinced of the high quality of our products. Hence, we are granting 2 years warranty without making compromises.

For the time after that, we offer affordable subsequent contracts.

For optimal support and for software updates and upgrades we offer budget-friendly support contracts.

- 2 years warranty
- Hardware warranty extension up to 10 years
- Service Contract Basic (Updates, Email support) (mandatory)
- Service Contract Advanced (Updates, Email- and phone support, replacement devices etc.)

Legend: ▶ ● Default    ▷ ○ Optional