

Mux Audio-Video-Metadata STANAG 4609

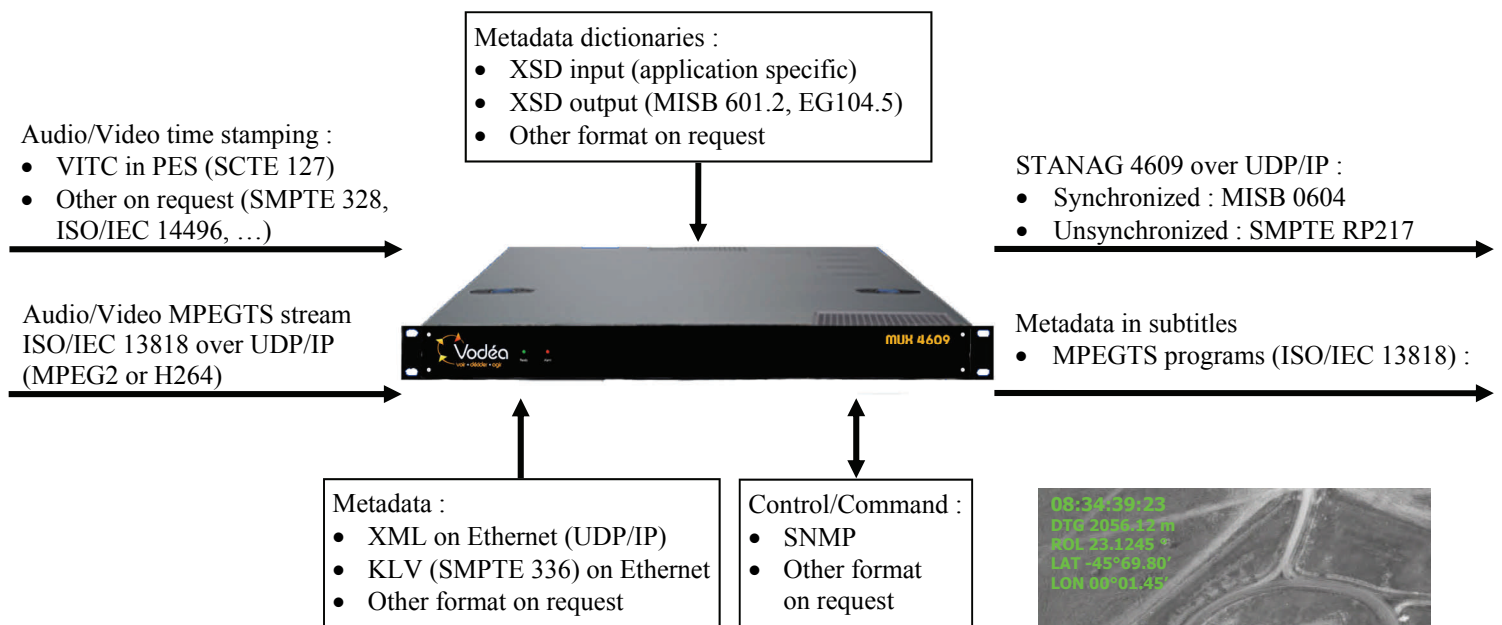
Mux4609 is designed to mux audio, video and metadata in accordance with STANAG 4609. Main applications are homeland security, observation & intelligence, aircraft, UAV and vehicles interoperability.

Mux4609 adds **OTAN interoperability** capabilities to your embedded system. Thanks to his metadata xsd dictionaries, it supplies to you metadata format high flexibility.

Two STANAG4609 streams can be generated :

- Audio/Video/metadata synchronized (using PTS), for high precision intelligence application.
- Metadata wrapped on the fly with Audio/Video, for low latency treatments.

In addition, metadata can be generated in an additional MPEGTS program as subtitles and can be displayed for free, with image precision, using VLC or other media player.



Subtitles display (as an overlay) is user configurable using VLC.

System Spec

Mechanical spec :

- Size : 1RU rack, 19 inches.
- Weight : 4 Kg.

Electrical consumption :

- up to 15 W.

Power supply :

- 110/220 V 50/60 Hz.

Operating temperature :

- 0°C to +55°C.
- Extended temp. range available on request.

CE :

- EN55022 & EN61000-4-3 (A).



Advanced processing

Multimedia streams wrapping :

- Compliant with STANAG 4609 V2
 - Synchronized by PTS (MISB 0604).
 - Unsynchronized (SMPTE RP217) : latency less than 40 ms.

Metadata ingest frequency :

- Up to 30 Hz.

Configurability :

- PID tables, IP address, UDP port, ...

On the stream, in real time :

- Key code substitution.
- Default KLV insertion.

Input/Output

RJ45: (input)

- Audio/Video MPEGTS stream with time stamping.
- Metadata.

RJ45 :

- Control/Command (SNMP)

RJ45: (output)

- STANAG 4609 and metadata in subtitles.

USB: (output)

- Storage on flash recorder.