



UAV Mission Recording system (DVR) & Distribution and Interrogation System

Neuronics Mission Recording System is designed to fully record all mission gathered data including STANAG streams, VoIP communication channels and additional sensors such as LIDAR, SONAR and RADAR. The system is designed and tested on UAVs, drone swarm, ground vehicles, autonomous ships, and underwater autonomous vehicles.

Neuronics DVR Key Features:

- Supports distribution to JS HLS multi-stream players
- Support viewing of multi-window video audio and metadata
- Display of STANAG 4609 metadata over the video player
- Supports H264, H265, VP9 and AV1 recording
- Option to transcode H264-to-AV1 to save space storage space
- Support frame accurate recording of LIDAR / SONAR / RADAR data
- Support inputs of RTP, UDP, RTSP and MP2TS transport stream over unicast or multicast ports
- Cyclic retention and “do not delete”
- Runs on GPU or CPU based system as standalone or dockerized
- Support config files and live REST API configuration
- Multisession support