

Nielsen Encoder Solutions – 2024

Nielsen Client Engineering

Hardware Encoder Comparison

Product	Features	Installation	Cost
Ross NWE-3GA	Fully configurable, single card per signal solution – Open Gear chassis sold separately. 3G, HD, SD video (3 Gb/s, 1.5 Gb/s, or 270 Mb/s) and 16 SDI embedded or 8 AES channel audio. Multiple channels require multiple cards, each card uses 3 frame slots.	Prior to the stations ATSC digital encoder	3GA Card \$5950.00 Open-gear Frame \$1800.00
Ross NWE-TS	DVB-ASI input, 19.39 Mbps ATSC TS compliant only. Nielsen Watermark to up to 4 unique channels and configurable to assign different Nielsen SID values to each of the selected audio streams, suitable for single-program and Multi-program Transport Streams.	After the stations ATSC digital encoder.	NWE-TS \$8900.00
Linear Acoustic AERO.100	DTV Audio Processor AEROMAX® processing, UPMAX® II upmixing/ downmixing, Dolby® encoding/decoding, BS.1770 loudness metering, requires single unit for each program stream.	Audio Processing	AERO.100 \$13,000.00
Linear Acoustic AERO.2000	Combines loudness control, AEROMAX® audio processing, Dolby® encoding/decoding, unmatched up-mixing via UPMAX® II, and Nielsen Watermark encoder module at additional cost, requires single unit for each program stream.	Audio Processing	AERO 2000 \$25,000.00
Linear Acoustic AERO.8000	One or two instances of AEROMAX® real time adaptive wideband and/or multiband processing, ITU-R BS.1770-3 or EBU R128 metering, UPMAX®-II 2-channel to 5.1-channel upmixing/downmixing with automatic detection and automatic downmix replacement, Dolby® encoding/decoding, Available Dolby® Digital/Dolby Digital Plus transcoding.	Audio Processing	AERO.8000

Nielsen SDK Certified Vendor Appliances

The URLs below will point your browser to the appropriate section of the Nielsen Client Engineering Portal to review the available Nielsen SDK certified vendor products that may suit your needs.

To obtain pricing, features and related documentation for Nielsen SDK certified vendor products, please contact the vendor or vendors of interest directly.

- [Nielsen Encoder Certified Vendors](#)
- [PCM-to-ID3 Certified Vendors](#)
- [Nielsen Decoder Certified Vendors](#)
- [Nielsen Radio Certified Vendors](#)

Encoder Contact Information and Links

Nielsen Client Engineering Portal - TV

Nielsen Encoder Policy

Nielsen Encoder Support Team:

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