

7760ND-HD

Nielsen Universal Reader



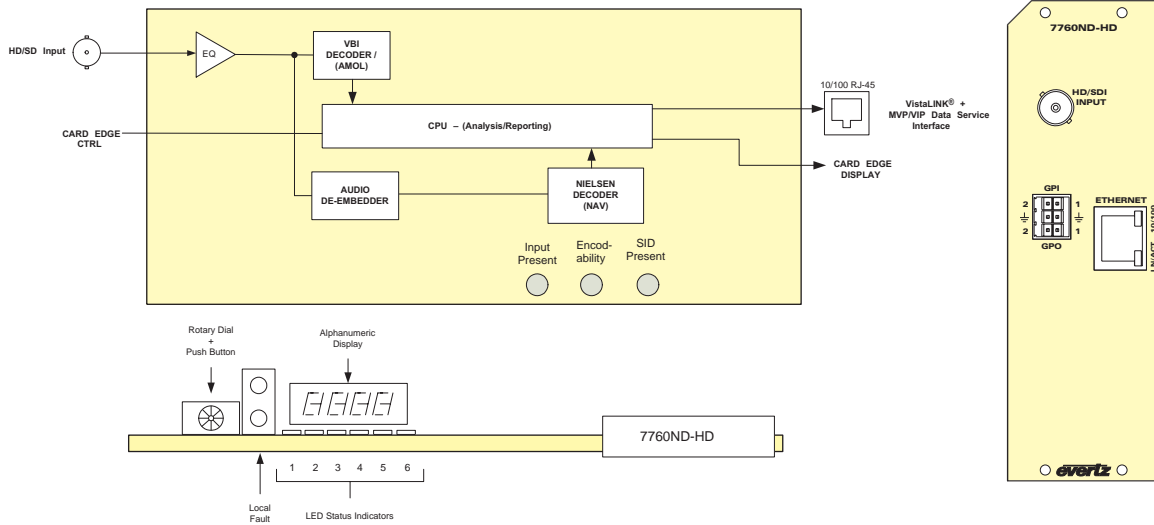
If you are looking for a reliable way to insure your Nielsen codes are being inserted correctly in your broadcast content, look no further than the 7760ND-HD.

Evertz' Nielsen Universal Reader module provides a solution for monitoring the presence of Nielsen codes from the broadcast path. The 7760ND-HD monitors both the video AMOL1/AMOL2 data as well as the audio NAES data and watermark data. The 760ND-HD accepts a base band video input transported on SD-SDI or HD-SDI with embedded audio.

The presence of codes and the value for the codes are then monitored/reported using various outputs from the device, these include logging and alarming exclusively using VistaLINK® PRO, on screen display (OSD) via the MVP, VIP and VIP-X monitoring products, and CP-2232E or CP-2116E-H control panels. (see table below for details on what data each product can support). Also simple card edge status is available using the cards LEDs and dot matrix display.

►Features & Benefits

- Supports HD and SD input formats - user selectable
- De-embedding of program audio from SDI input
- Monitoring of Nielsen data (Watermark) from PCM Audio
- Monitoring of Nielsen data (NAES) from PCM audio
- Monitoring of Nielsen data (AMOL1/AMOL2) from video content
- Proprietary data service output for OSD on VIP/MVP/VIP-X products
- Exclusive monitoring, alarming and logging using VistaLINK® PRO
- Reporting signal presence, and SID presence via card edge LEDs
- Nielsen code reporting via card edge dot matrix
- Highly reliable, hot-swappable platform, including redundant power supplies
- Uses Evertz widely installed 3RU 7800FR multi-frame rack mount chassis
- Does not require the use of the 7700FC, supports VistaLINK® PRO connection direct via Ethernet port



The display of the monitored Nielsen data is available on various Evertz monitoring products. Each product can be setup to receive the monitored data distributed from the 7760ND-HD over the network.

Use this table to identify the level of support offered by Evertz monitoring products.

Monitoring Product	AMOL1	AMOL2	NAES	WATERMARK
VistaLINK® PRO	Fully supported	Fully supported	Fully supported	Fully supported
MVP™	Fully supported	Fully supported	Fully supported	Fully supported
VIP-Advanced	Fully supported	Fully supported	Fully supported	Fully supported
VIP-X	Fully supported	Fully supported	Fully supported	Fully supported
VIP	Not available	Not available	Not available	Not available

►Specifications

Inputs:

- 1x HD/SD-SDI input with audio embedded audio

Outputs:

- Proprietary data service output for OSD on VIP/MVP/VIP-X products
- Exclusive VistaLINK® PRO logging and fault monitoring interface

Card Status:

- Card edge dot matrix display, displays decoded Nielsen codes
- Input presence LED - red = missing, green = present
- SID (Nielsen code) presence LED - red = missing, green = present

Electrical:

Voltage: +12V DC
Power: <26W

EMI/RFI:

Complies with FCC Part 15, Class A Multi-audio de-compressor module EU EMC Directive

Physical (Number of Slots):

350FR: 2
7700FR-C: 2
7800FR: 2
7701FR: 2
7801FR: 2

►Ordering Information

7760ND-HD	Nielsen Universal Reader
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Ordering Options Rear Plate must be specified at time of order
Eg. Model +3RU

Rear Plate Suffix

+3RU 3RU Rear Plate for use with 350FR, 7700FR-C or 7800FR Multiframe
+1RU 1RU Rear Plate for use with 7701FR Multiframe

Enclosures

350FR
7700FR-C
7800FR
7701FR
7801FR

3RU Portable Multiframe which holds up to 7 single slot modules
3RU Multiframe which holds up to 15 single slot modules
3RU Multiframe which holds up to 15 single slot modules
1RU Multiframe which holds up to 3 single or dual slot modules
1RU Multiframe (holds up to 4 single slot modules with AC power supply)

