

Encoder Modulator (DVB-C / DVB-T / ISDB-T / ATSC-T)



1U Rack Dual Channels In



Portable Single Channel In



Multiple Encoding Interface Optional

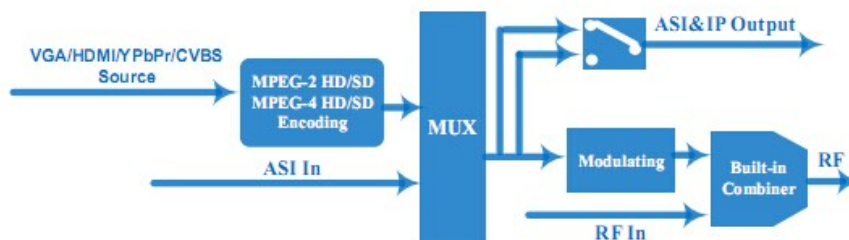
Product Overview

NDS3542 series products are DEXIN's all-in-one devices which integrate encoding, multiplexing and modulation to convert V/A signals into digital RF output. It adopts inner drawer-type structural design which greatly facilitates the change of encoding modules (HDMI/CVBS/SDI/YPbPr/...) as needed. To meet customers' various requirements, NDS3542 is also equipped with 1 ASI input for re-mux, and output with 2 ASI ports and 1 IP port.

The signals source could be from satellite receivers, closed-circuit television cameras, Blue-ray players, and antenna etc. Its output signals are to be received by TVs, STB and etc with corresponding standard.

With its various inputs available, our NDS3542 series products are wildly used in public places such as metro, market hall, theatre, hotels, resorts, and etc for advertising, monitoring, training and educating in company, schools, campuses, hospital... It's a good choice to offer additional info channels.

Principle Chart



Features :

- HDMI/CVBS/SDI/YPbPr... inputs, 1*ASI in for re-mux; 1*RF in for RF mix
- MPEG2 HD/SD & MPEG4 AVC H.264 HD/SD video encoding
- 1* channel in (portable case); 2* channels in (19" rack case)
- MPEG4-AAC; MPEG2-AAC; MPEG1 Layer II and Dolby Digital AC3 2.0 (Optional) audio encoding
- Dolby Digital AC3 passthrough(for HDMI of HDMI/YPbPr/CVBS 3-in-1 board)
- Dialog Normalization (Optional)
- Support CC (closed caption) for SDI and CVBS interface (Optional)
- Huge video buffer (for SDI interface), free to switch video sources
- Support low delay encoding mode(Optional)
- Support VBR/CBR rate control mode
- Support PSI/SI editing
- Support PCR accurate adjusting
- Support PID re-mapping and passthrough
- Digital RF out (DVB-C/T/ATSC/ISDB-T RF Optional) and ASI out; IP out
- LCN (Logical Channel Number) support – for DVB-C/T/ISDB-T modulating module
- VCT (Virtual Channel Table) support – for ATSC modulating module
- Modular design, pluggable encoding modules
- LCD display, Remote control and firmware
- Web-based NMS management; Updates via web
- Lowest cost per channel