



DVB-S2X TRANSMODULATOR

HDC-7016A

DVB-S2x 16 SAT to DVB-C CATV Transmodulator

- ASI
- IP / Ethernet
- DVB-S2X
- DVB-C
- QAM
- DiSEqC

Model designation as per manufacturer reference

Overview

The VIZOBOX HDC-7016A is a professional transmodulator that converts DVB-S2X satellite input into adjacent DVB-C QAM RF channels for head-end distribution.

Key Features & Applications

- ✓ DVB-S2x 16 SAT to DVB-C CATV Transmodulator
- ✓ IP-Input: Up to 128 channels TS over UDP/RTP multicast 5th generation SAT & IP to
- ✓ DVB-C (EN 300 429) and ITU-T J.83 A/B
- ✓ PCR Auto- adjusting / restamping The internal multiplexer
- ✓ Up to 180 PID remapping's per channel content.
- ✓ (ETR289), simulcrypt standards ETSI 101 197
- ✓ Web-based Network management up to 256QAM modulation.
- ✓ Transponders & Multiplex and Modulates
- ✓ 16 DVB-S2x FTA Tuner, 2 GigE Input, 2 ASI In, 1 RF out VIZOBOXHDC-7016A is a
- ✓ 16 non-adjacent QAM carriers' output, compliant to QAM modulator with
- ✓ 16 multiplexed or scrambled TS over UDP/RTP/RTSP The IPTV input channels
- ✓ CA PID filtering, remapping and PSI/SI editing creates 16 RF + streams
- ✓ Support DVB general scrambling system CSA
- ✓ and ETSI 103 197
- ✓ VIZOBOXHDC-7016 receives 16x FTA SAT
- ✓ into 16 QAM (DVB-C) carriers

Technical Specifications

Function	16 channel DVB-C Headend with Satellite, IPTV and ASI input 16 DVB-S/S2 FTA Tuner
INPUT	128 IPTV channels over UDP and RTP protocol 2 ASI input, BNC interface
OUTPUT	16 DVB-C groups which can be multiplexed from any combination of input channels 16 DVB-S/S2 tuners with input frequency range: 950-2150 MHz Symbol rate: 2-45 MSps (supports SCPC and MCPC) Tuner section Signal strength: -65...-25dBm QPSK, 8PSK; supporting DiSEqC 1.0 LNB control for up to 8 satellites 16 multiplexers, Maximum PID remapping: 128 per input channel
Multiplexing	PID remapping (automatically or manually), Accurate PCR adjusting, Generate PSI/SI table automatically Max simulcrypt CA: 4
Scrambling	Scramble Standard: ETR289, ETSI 101 197, ETSI 103 197 Local/remote connection 16 DVB-C (QAM) channels, Standard EN300 429/ITU-T J.83A/B RF frequency 50...960 MHz, 1 kHz step RF output level 87...107 dBμV, 0.1 dB step Modulation Constellation 16/32/64/128/256QAM MPTS / SPTS over UDP, 10/100/1000 Base-T Ethernet interface (UDP unicast / multicast) SYSTEM Control Remote management Web NMS (10M/100M)
GENERAL	
Dimensions	482mm×300mm×44.5mm, 19" 1U, 3.7 kg AC 110V±10%,50/60Hz or AC 220V±10%, 50/60Hz, 25 W, Power dual power supply optional Temperature 0...45°C (operation), -20...80°C (storage)

