



DVB-S2X TRANSMODULATOR

HDC-7024A

24 SAT & IP/ASI to 16 DVB-C QAM Trans-Modulator

- ASI
- IP / Ethernet
- DVB-S2X
- DVB-C
- DVB-T/T2
- QAM
- DiSEqC

Model designation as per manufacturer reference

Overview

The VIZOBOX HDC-7024A is a professional transmodulator that converts DVB-S2X satellite input into adjacent DVB-C QAM RF channels for head-end distribution.

Key Features & Applications

- ✓ 24 SAT & IP/ASI to 16 DVB-C QAM Trans-Modulator
- ✓ Up to 128 channels TS over UDP/RTP multicast, VIZOBOXHDC-7024A is a
- ✓ 16 non-adjacent QAM carriers output, compliant to
- ✓ 16 multiplexed / scrambled TS over IP UDP or
- ✓ Accurate PCR adjusting, PSI/SI editing and inserting Streams serves multicast
- ✓ Up to 180 PIDS remapping per channel creates 16 RF + Streams
- ✓ (ETR289), simulcrypt standards ETSI 101 197 and ETSI 103 197
- ✓ Web-based Network management The output consists of 16
- ✓ VIZOBOXHDC-7024A receives 24x FTA SAT
- ✓ 24 DVB-S2x FTA Tuner, 2 GigE Ports, 2 ASI In, 1 RF out
- ✓ IGMP v2/v3 inputs on GbE1
- ✓ DVB-C (EN 300 429) Annex C and ITU-T J.83 A/B
- ✓ RTP/RTSP outputs to GbE2
- ✓ CA PID filtering, remapping and PSI/SI editing
- ✓ Support DVB Conditional Access encryption System with any combination of
- ✓ Info-Channel inserting: TS player via USB (FAT 32)
- ✓ Optional with redundant 2nd PSU available
- ✓ Transponders & Multiplex and Modulates

Technical Specifications

Function	24channel DVB-C Headend with Satellite, IPTV and ASI input 24 DVB-S/S2 FTA Tuner INPUT 124 IPTV channels over UDP and RTP protocol 1 ASI input, BNC interface 16 DVB-C groups which can be multiplexed from any combination of input channels
OUTPUT	
<i>2x ASI out for monitoring or passing a muxed TS as copy of a DVB-C channel 24 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</i>	
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 (opt. DVB-T) RF frequency 50...960 MHz, 1 kHz step Modulation RF output level 87...107 dBμV, 0.1 dB step 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 on demand when ordering Temperature 0...45°C (operation), -20...80°C (storage)

