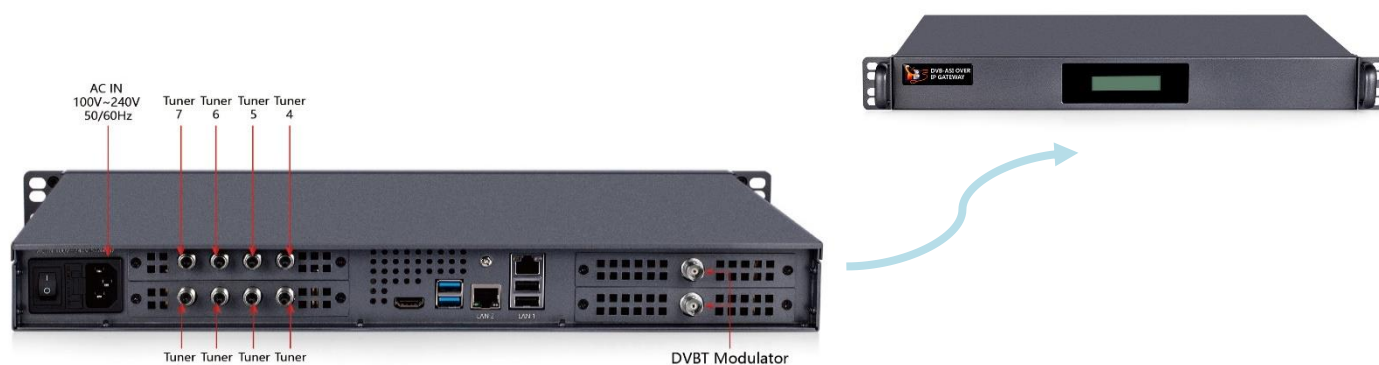


TBS8110 8 Channel DVB-T Modulator Server

TBS8110 DVB-T modulator server is TBS latest product, it works as a DVB-T signal generator and supports 8 channel DVB-T transmission. Based on the multiplex platform, the server is able to broadcast in DVB-T using TS stream and also from IP input, it designed to support most broadcast industry standard forms, such as DVB-S2/S standard, DVB-ASI input via PCI-e and also MPEG from HDMI/SDI encoder over IP input.

Based on the powerful AMD® Embedded G-Series SoC, it supports to install 2 TBS tuner card inside, up to 8~16 TV tuners with different DVB standards, and to meet customers' various requirements, this device is also equipped with 128 IP input and 8 MPTS output over UDP and RTP. With "Remux" technology, you can easily select popular channels from input streams, then multiplexed to a new TS stream to 8 RF output.

TBS DVB-T modulator server is the perfect solution for Digital Signage, Private Circuit, STB Testing, and Laboratory Applications. It also provides a very costs-effective solution to transmodulation system and IPTV systems.



Features:

- RF modulation (terrestrial digital) output option
- 8~16 TV tuner with different broadcast standard (DVB-S2/S/C, ISDB-T, ATSC, DVB-ASI)
- 8 channel DVB-T transmission
- Managed through web UI
- Multiplex DVB-S/S2, ISDB-T, ATSC, DVB-ASI and IP inputs
- Integrated modulating and multiplexing functions

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TBS8110

Applications

- DVB-T signal generator
- Video broadcast/distribution
- IPTV system

Specifications:

Size	1U
CPU	AMD® Embedded G-Series SoC (Quad Core, 2GHz)
RAM	4GB DDR3 1333
Graphics	Integrated AMD Radeon™ HD
Ethernet	2x LAN Gbit / 100 Mbit / 10 Mbit
SSD	30G mSATA SSD
Interface	4 x PCI-E;
	2 x USB 2.0
	2 x USB 3.0
Input	8~16 tuner with different broadcast standard
	128 IP input over UDP and RTP, RJ45, 1000M/100M Unicast/Multicast
Output	8*RF COFDM DVB-T out (4 carriers combined output)
Remote management	web NMS
DVB-T	
Frequency range	50~950 MHz
Channel bandwidth	6, 7, 8 MHz
FFT mode	2K, 8K
FEC	64QAM/16QAM/QPSK
Code rate	1/2,2/3,3/4,5/6,7/8
Guard Interval	1/4, 1/8,1/16, 1/32
Carrier Suppression	> 50dB
MER	> 40dB
Spectrum Shoulders	55 dB for perfect
Channel band width	variable channel band width from 2 MHz to 8 MHz

Shenzhen Turbosight Technology Ltd.

610,6/F,Bldg.36,Chentian Industrial Park, Baotian 1st RD., Xixiang Town, Bao'an District, SZ, China ZIP: 518055