

# DVB-T Modulator



## Overview

DVB-T Modulator supports all DVB-T standard channel coding and modulation parameters. It meets DVB-T and EN300744 standards, supporting FEC and RS correction and encoding, which makes it convenient to connect other analogue and digital signals, such as video conference, internet and IP phone and other DVB standard equipment. It is suitable for HFC, MMDS and 8GHz broadband digital system.

## Features

- Comply with DVB-T, EN300744
- ASI input
- PID filtering and re-mapping
- LCD/Keyboard control by front panel and network management by Ethernet

## Technical Specification

<b>Input</b>	<b>ASI</b>	DVB standard, BNC interface
<b>Modulation</b>	<b>Standard</b>	DVB-T (EN300744)
	<b>Transmode</b>	2K, 8K

	<b>Bandwidth</b>	6M, 7M, 8M
	<b>Constellation</b>	QPSK, 16QAM, 64QAM
	<b>Protection Interval</b>	1/4, 1/8, 1/16, 1/32
	<b>Baudrate</b>	1/2, 2/3, 3/4, 5/6, 7/8
<b>Output</b>	<b>Interface</b>	RF, F-head
	<b>Impedance</b>	75Ω
	<b>Level Attenuation Range</b>	-26dbm~+3dbm (0.1db step)
	<b>Frequency Range</b>	30~960MHz, 1Khz step
	<b>MER</b>	≥ 42db
<b>Control</b>		network RJ-45, 10/100M
		Keyboard+LCD
<b>General Features</b>	<b>Size</b>	482mm×280mm×44mm
	<b>Temperature Range</b>	0~45°C (Operation); -20~80°C (Storage)
	<b>Power</b>	100-240VAC, 50Hz, 25W