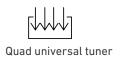# DVB-T/T2/S/S2/C ➜ DVB-T/C, IPTV Transmodulator

It receives contents from 4 DVB-T/T2, DVB-S/S2 or DVB-C transponders/muxes, decrypts and broadcasts them in 4 DVB-T or DVB-C or on IPTV output channels.

Quad universal tuner   2 CAM slots   IPTV or 4 DVB-T or DVB-C channels selectable output   Remote managment enabled

MODEL		HTI-424
REF.		3863
Inputs		4 (or 1+loop through)
Input frequency range	MHz	DVB-T/T2 : 47-862 DVB-S/S2 : 950 - 2150 DVB-C : 47-862
Input level	dBµV	40 - 92
Symbol rate	MS/s	DVB-S: 1...45 DVB-S2: 1... 45 DVB-C: 1... 6.952
Maximum input current		100mA in 2 and 4 connectors. 250mA in 1 and 3 connectors
Fitted with DiSEqC (v. 1.1)		No limit on number of polarities
TS Procesing		
PSI/SI adaptation		Generating and inserting tables PAT, PMT, CAT, SDT, BAT, NIT, TDT, TOT, EIT
NIT adaptation		Yes (automatically generated)
SDT adaptation		Yes (configurable input name)
LCN, TDT, TOT management		Yes
Cloned services		Yes, from any input to any output
Number of Common Interface slots		2
RF Output		
Number of outputs		4 channels DVB-T / DVB-C (47 - 862 MHz)
MER	dB	> 40
Output level	dBµV	85
Maximum output bit rate DVB-T	Mbps	31.7
Operation modes DVB-T		2K / 8K
Output bandwidth DVB-T	MHz	6 / 7 / 8
Modulation formats DVB-C		16 QAM / 32 QAM / 64 QAM /128 QAM / 256 QAM
Maximum output bit rate DVB-C	Mbps	53
Adjustable output level	dB	-15
Symbol rate DVB-C	MS/s	3 ... 7.2
Output loop-through loss	dB	1.1
IPTV Output		
Number of SPTS outputs		64
Number of MPTS outputs		4
Transmission protocols		SPTS : UDP and RTP MPTS : UDP
SAP protocol		Yes
Interface type		RJ-45 Gigabit Ethernet
Output maximun bit rate		850 Mbps
General		
Configuration		PC. Interface web Ikusi Headend Discovery (v1.8.5)
Management interface		USB 2.0 Host frontal
Supply voltage	VDC	+24
Operating temperature	°C	0... +45
Consumption	A	1
Dimensions	mm	230 x 195 x 32
Weight	kg	1.165
Protection index	IP	IP20

- Versatile transmodulation of DVB-T/T2, DVB-S/S2 and DVB-C channels to DVB-T/DVB-C channels.

- The HTI-424 module can receive 4 DVB-T/T2, DVB-S/S2 or DVB-C muxes and broadcasts them in 4 DVB-T or DVB-C or on IPTV output channels.

- One module acts as the "master" to ensure the configuration (remote or local through PC) is carried out at the complete headend level, through the IKUNET bus and not module by module.

- It allows a future increase in services to be foreseen in order for the televisions to have them already on their lists, avoiding the need for retuning.

- It has two Common Interface slots (EN 50221) for discretional decryption of programmes in accordance with the inserted CAM module.

- It allows a video service to be sent with several different languages without taking up more space than that corresponding to an RF channel. The television shows "a programme" for each language, avoiding the need for users to have to choose their "language" on the television remote control.

- It is compatible with the PC application: "IKUSI HEADEND DISCOVERY" This instrument provides installers with a tool that allows them to detect the headend's modules without having to modify the PC's network configuration.

  (This can be downloaded from www.ikusi.tv).

- It allows channel lineups to be created and managed remotely, ensuring that the lineup is completely customisable without having to work in-situ.

- The four DVB-T/C output channels can be distributed onto any part of the band.

- Total control of the multiswitch. Fitted with DiSEqC.

- USB-300 to Ethernet adapter for local or remote configuration. Also, it cam be done through the Ethernet port.

Application example

DVB-S/S2

DVB-T/C output

Master module

Output IPTV

USB-300
USB-Ethernet
adapter

router internet PC

HTI-424