

Transmodulator DVB-T/T2/S/S2/C → DVB-T/C

The HTL-STC module can receive 2 DVB-T/T2, DVB-S/S2 or DVB-C muxes and combine them on 2 DVB-T or DVB-C output channels.



Dual universal tuner



Output 2 COFDM or QAM
selectable channels



Wizard installation assistant

Modelo			HTL-STC		
Ref.			3860		
Inputs			2 (or loop through)		
Standards			EN 300 744 DVB-T EN 302 755 DVB-T2 EN 300 421 DVB-S EN 302 307 DVB-S2 EN 300 744 DVB-C		
Reception			DVB-T / T2 ; DVB-S/S2 ; DVB-C		
Frequency range		MHz	DVB-T: 47 - 862 DVB-S: 950 - 2150 DVB-C: 47 - 862		
Max n° of decrypted programmes			Variable (depending on CAM)		
Input level		dBµV	40 - 92		
Input loop gain		dB	0 (±1)		
Symbol rate	DVB-S	MS/s	2 ... 45		
	DVB-S2		2 ... 45		
	DVB-C		7 max		
TS processing					
PSI/SI adaptation			Generating and inserting tables PAT, PMT, CAT, SDT, NIT, TOT and BAT		
NIT (Network Information Table) adaptation			Yes (generated automatically)		
SDT (Service Description Table) adaptation			Yes (configurable name input)		
Processing LCN, TDT, TOT			Yes		
Outputs			DVB-T in accordance with ETSI EN 300 744 DVB-C in accordance with ETSI EN 300 429		
No. of outputs			2 DVB-T / DVB-C		
Output frequency		MHz	DVB-T: 47 - 862 DVB-C: 47 - 862		
MER		dB	> 40		
Output level		dBµV	80		
Adjustable output level		dB	-15		
DVB-T modulation formats			QPSK ; 16QAM ; 64QAM		
DVB-T code ratio			1/2 , 2/3 , 3/4 , 5/6 , 7/8		
DVB-T guard interval			1/4 , 1/8 , 1/16 , 1/32		
Bandwidth		MHz	6 / 7 / 8		
Loop step attenuation		dB	1.1		
DVB-C symbol rate		MS/s	7.2 max		
General					
Remote control			Yes		
Configuration			PC. Web, Ikusi Headend Discovery Wizard assistant		
Supply voltage		VDC	+12		
Consumption		A	2		
Firmware upgrade			Web interface		
Operating temperature		°C	0 ... +45		
CAM			1 slot (EN 50221)		
Bus IKUNET connector			2x RJ-45		
Dimensions		mm	230 x 195 x 32		
Temperatura de funcionamiento		°C	0 ... +45		
Entrada CAM			1 slot (EN 50221)		
Conector Bus IKUNET			2x RJ-45		
Dimensiones		mm	230 x 195 x 32		

- Versatile transmodulation of DVB-T/T2, DVB-S/S2 and DVB-C channels to DVB-T/DVB-C channels.
- The HTL-STC module can receive 2 DVB-T/T2, DVB-S/S2 or DVB-C muxes and combine them on 2 DVB-T or DVB-C 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.
- The Wizard installation assistant allows us to carry out a step-by-step headend configuration that is quick and easy.
- It has a Common Interface (EN 50221) for discretionary decryption of programmes in accordance with the inserted CAM 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 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 grids of channels to be created and managed remotely, ensuring that the grid is completely customisable without having to intervene in-situ.
- The two DVB-T/C output channels can be distributed onto any part of the band.
- Total control of the multiswitch. Fitted with DiSEqC