



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 DVB-S2 DVB-C	MS/s	2 ... 45 2 ... 45 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