

## Quad DVB-S/S2/S2X to DVB-T/C

### Key Features

- The **STC 44** converts bundles of channels from 4 satellite inputs DVB-S/S2/S2X - multistream to up to 4 DVB-T/C adjacent channels.
- More than 39 satellite channels (TV+Radio)
- Pool technology
- Multistream support and built-in BISS
- Fanless construction for silent operation and minimization of faults
- Large range power supply for areas with voltage fluctuations, islands etc.
- Ideal for applications in Hotel units, Airbnb complexes, Rooms to let, local transponders.
- The **STC 44** can be easily programmed using our general programming software



Product manufactured and produced in E.U.

### TECHNICAL SPECIFICATIONS:

<b>SAT inputs</b>	Frequency	950-2150 MHz
	Input level	-65 dBm à -25 dBm
	Insertion loss	< 2.5 dB
	LNB supply	13/18V - Tone - DiSEqC (300mA each input)
<b>Demodulator/decoder</b>		
<b>DVB-S</b>	Modulation - symbol rate	QPSK - 1....45 MSps
	Code rate (Viterbi)	1/2, 2/3, 3/4, 5/6, 7/8
<b>DVB-S2</b>	Modulation - symbol rate	QPSK/8PSK - 1....45 MSps
<b>DVB-S2</b>	Code Rate (LDPC)	QPSK = 1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
		8PSK = 3/5, 2/3, 3/4, 5/6, 8/9,9/10
<b>DVB-S2X</b>	Multistream	CCM, ACM, VCM, Mul Input Stream, 16APSK,32APSK,Generic Stream Mode
<b>DVBT output (4 adjacent channels)</b>	Maximum output	> 95 dBμV
	Attenuation	- 20dB (using DTViFace)
	Insertion loss	< 2 dB
	Output frequency	DVBT : 170-230 MHz + 470-862 MHz, DVBC: 50-862 MHz
	Constellation	DVBT : QPSK/16QAM/64QAM, DVBC: 16,32,64,128,256 QAM (EN 300 429)
	FEC	1/2, 2/3, 3/4, 5/6, 7/8
	Guard interval	1/4, 1/8, 1/16, 1/32
	Mode - MER	DVBT : 2K - >35 dB , DVBC: > 41 dB
	Symbol Rate	DVBC : - 6.96 Mb/s
	DVB Processing	TsID, NIT version, ONID, NID, Network Name, SID, LCN, HDLCN
<b>Power</b>	Input	100-240 VAC / 50-60Hz / 1A
<b>Dimensions</b>	Length x Height x Width	181mm x 103 mm x 100mm
	Weight	1.6 kg