



## Single transmodulator DVBS/S2 - DVBT, with/without CI

The transmodulator receives a SAT transponder in DVBS (QPSK) or DVBS2 (QPSK /8PSK) modulation and demodulates it, producing an MPEG-2 transport packet. The MPEG2 transport packet is subsequently modulated in COFDM and converted into the output channel (UHF or VHF, with a 7/8 MHz bandwidth), using an agile up-converter.

<b>Ref.</b>	563301
<b>Logical ref.</b>	UQC-S2-CI-S
<b>EAN13</b>	8424450145203

### Other features

<b>Firmware</b>	Generic
<b>Interfaces</b>	With CI

### Packaging info

<b>Box</b>	1 pcs.
------------	--------

### Physical data

<b>Net weight</b>	1,056.00 g
<b>Gross weight</b>	1,056.00 g
<b>Width</b>	50.00 mm
<b>Height</b>	219.00 mm
<b>Depth</b>	177.00 mm
<b>Main product weight</b>	984.00 g

### Highlights

- Total or selective removal of the services present in the received transponder, to avoid them being detected (and memorized) by the receivers (STB)
- Editable TS\_ID, which makes programme/service detection easier on the receiver (STB), since the

channel scan is based on this identifier

- LCN (Logical Channel Number) allows the assignment of the services present in the output to an LCN, which makes the ordering of the channels easier on the receivers (STB)
- Provides information regarding both the occupation of each specific service and the global output occupation, which allows the optimization of the services being distributed
- Can be remotely controlled using CDC (Headend control)
- Device monitoring and signal status LEDs

## Main features

---

- S\_ID editable to prevent the receivers (STB) in an installation from retuning when the output-Multiplex's services are modified
- Editable Network\_ID, Original Network\_ID and Cell\_ID allow the control of network identifiers
- The encrypted satellite channels are transformed into free DTT services through the CI interface and the appropriate CAM module. Depending on the CAM type used (standard/professional), one or several services may be opened for free reproduction

## Application example

---

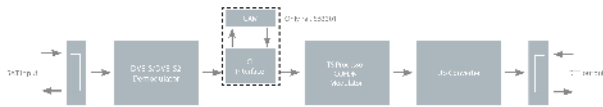
### Distribution of 7 channels of DVBS2-COFDM CI T0X

The diagram shows the assembly for the distribution of 7 channels of DVBS2-COFDM (CI) T0X.



## Graphic documentation

---



**Block diagram**