



GTMUX, GTPSISI, GTSYMUX Remultiplexing and PSI/SI

TANGRAM GTxMUX and GTPSISI Licenses

Remultiplexing and PSI/SI handling in the TANGRAM Platform and in a system of TANGRAMs are enabled by the SW options GTMUX (remultiplexing in a single TANGRAM), GTPSISI (enabling PSI/SI sharing between TANGRAMs), and GTSYMUX (remulti-plexing in a system of TANGRAMs).

Complying to the ETSI EN 300 468, the TANGRAM remultiplexing automatically creates the PSI/SI table structure and table data entries.

**Maximum performance,
minimum footprint.**

The WISI TANGRAM video platform is a high-density digital TV headend for contribution of digital TV via IP networks and end-to-end IPTV solutions such as video-on-demand, connected TV and OTT (Over The Top) or Web TV.

Features

- Remultiplexing of services and PSI/SI from different inputs
- Automatic PSI/SI table generation
- Automatic PSI/SI data generation
- DVB-Network-wide PSI/SI for a complete system of TANGRAM



Solutions with TANGRAM



HFC

From the Headend to the wall-outlet: everything for the cable network.



RF OVERLAY

Solutions for video services in GPON and Active Ethernet networks.



CHANNEL PROCESSING

Headends for residential, regional and national networks.

GTMUX, GTPSISI, GTSYMUX Remultiplexing and PSI/SI

General Information about SW options

A SW option purchased for a TANGRAM can only be used in this specific TANGRAM. When ordering a SW option for a specific TANGRAM, the serial number of the TANGRAM must be stated. SW options can be ordered together with the TANGRAM HW modules, or separately to an existing TANGRAM module.

Technical Information

Remultiplexing and PSI/SI	
Service remultiplexing	Yes
PID filtering and PID remapping	Yes
PID / SID auto anti-clash	Yes
PCR restamping and de-jitter	Yes
Dynamic PSI / SI processing	Yes
Advanced PSI / SI regeneration	Yes
Supported tables	PAT, CAT, PMT, TSDT, NIT, SDT, EIT, TDT, TOT
DVB compliance	ETSI EN 300 468

SW options	Article number	Description
GTMUX	73449	Enabling selection of services from several input sources to an output. Complete and dynamically updated PSI/SI for all digital outputs from a single TANGRAM module. The GTMUX SW option is available for the modules GT23,GT24, GT3x and GT4x.
GTPSISI	73450	Enabling PSI/SI sharing between TANGRAMs in a system. Remultiplexing of services from several input sources not enabled. The GTPSISI SW option is available for the modules GT23 and GT24.
GTSYMUX	73448	Enabling sharing of NIT, SDT Other and EIT Other between TANGRAMs in a system. Complete and dynamically updated PSI/SI for all digital outputs from a system of TANGRAM modules. The GTSYMUX SW option is available for the modules GT23 and GT24.

Note: The GTSYMUX includes the GTMUX functionality. Using the GTMUX together with GTPSISI gives the same functionality as GTSYMUX.

Related SW options and constraints	
GTSCR	Simulcrypt (DVB-CSA) scrambling
GTFC	IP streaming with FEC in per module

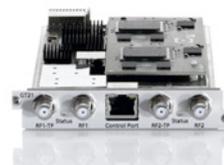
Related Hardware



TANGRAM chassis

GT01: 19inch, 1 HU subrack with embedded GigE switch, embedded fans and PSU, and redundant PSU as option.

For more information about GT01, and GTx modules, please contact WISI sales, or visit our web site www.wisi.de.



TANGRAM modules

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|-----------------------------|--|
| GT21: EdgePAL | GT24: EdgeCOFDM module |
| GT22: EdgeFM | GT31: DVB-S/S2/C/T/T2 Reception |
| GT23: EdgeQAM module | GT42: Descrambler |



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