

# WISI GT AES

Software option for AES scrambler



## Description

AES Scrambling in the TANGRAM is enabled by the SW option GTAES. The GTAES SW option allows you to use the TANGRAM as a scrambler for encryption of the output services by connecting to a Conditional Access Server (CAS) via the IP interface. The extension SW option GTAESX enables the maximum number of scrambled service.

## Scope of delivery

- After buying the software option you can download the entitlement file which includes the software option on [www.wisiconnect.tv](http://www.wisiconnect.tv).

## At a glance:

- Excellent Pay-TV Content Protection solution
- AES Scrambler
- Multiple service scrambling
- PID level scrambling
- Support scrambling of MPEG-2 and H.264 in SD and HD
- EMMG and ECMG connection IP-interface

## Technical data

### AES Scrambler Interface

Number of encrypted Services	32 with GTAES and up to 128 with GTAES + GTAESX
Number of encrypted PIDs	128 with GTAES and up to 512 with GTAES + GTAESX
Maximum scrambling throughput	Max. 850 Mbps
Supported scrambling keys	Max. 150 per module (shared key memory)
Interface CAS	IP
Interface protocol version support	ECMG <=> SCG: V2 and V3 / EMMG/PDG <=> MUX: V2 and V3
Support of selective scrambling	Yes, individual configurable (10%, 25%, 50%, 75%, 100%)
Supported scrambling algorithms	AES-128 CBC, ECB-L, ECB-T and DVB-CSA
DVB compliance	DVB-Simulcrypt (ETSI TS 103 197)

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm <sup>3</sup>
Gross weight shipping unit	kg
EAN	4010056747046
Article number	74704
Customs tariff number	85437090