

WISI GT 42 W

Universal decryption module



ELPAS



Description

The GT 42 module is part of the Tangram product portfolio. The GT 42 W CI module is designed as descrambler to be optionally combined with other Tangram modules. All Common Interfaces can be cascaded to reduce costs by using standard CAMs. Tangram is a very high density and highly flexible solution for all kinds of networks. The WISI Tangram chassis uses a fully redundant concept (n+1, 1+1).

Scope of delivery

- 1x GT42 module
- 1x Quick Guide

At a glance:

- 4 Common Interface (DVB-CI) slots per module
- CAM watchdog - auto reset on descrambling failures
- Support for all major CA systems and CAMs
- DVB/ARIB transport stream processing
- SPTS and MPTS streaming (CBR or VBR)
- Demultiplex MPEG-2/MPEG-4 signals for SPTS transmission
- High density descrambling 24 CA modules per 1RU chassis
- FEC output support - IP error protection

Technical data

IPTV In-/ Output

Input bitrate	Mbit max. 110 Mbps per IPTS, max. 400 Mbps total
Output bitrate	Mbit max. 100 Mbps per IPTS, max. 400 Mbps total
Output protocol	UDP, RTP
Routing scheme	Multicast, Unicast
IPTV TS Input format	CBR, 4 TS (MPTS oder SPTS)
IPTV TS Output format	CBR, 20 TS (MPTS oder SPTS)
Bitrate mode	CBR
Time stamp and de-jitter	Yes

PSI/SI and remultiplexing

Multichannel decryption	Yes
PID dropping and PID remapping	Yes
LCN types	Nordig, EAECM, ITC
PID management	Block and remap
Service management	Edit Service name, edit Service ID, remux SPTS to MPTS or vice versa
Remux	Yes

Control and Management

SNMP monitoring	Yes
Telnet CLI	Yes

Connectors

RJ45	1 pcs.
Common Interface	4 pcs.

General data

Power consumption	<10 W
Dimensions (width x height x depth)	256x144x2 mm
Operating temperature range	-5°C...+45 °C (ETSI EN 300 019-1-3 Class 3.1)

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	100x20x220 mm
Packaging volume sales unit	dm ³
Gross weight sales unit	0.380 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	170x70x340 mm
Packaging volume shipping package	2,681 dm ³
Gross weight shipping unit	0,380 kg
EAN	4010056735388
Article number	73538
Customs tariff number	8543709000