

WISI GT 41

IP Processing Module



ELPAS



Description

The GT41 module is part of the TANGRAM product portfolio. GT41 is a universal IP processing module for multiplexing/remultiplexing MPTS <-> SPTS streams and scrambling of content. TANGRAM is a very high density and highly flexible solution for all kinds of networks. The WISI Tangram chassis uses a fully redundant concept.

Scope of delivery

- 1x GT41 module
- 1x Quick Guide

At a glance:

- MPTS <-> SPTS IP Gateway
- DVB Scrambling for IPTV out
- DVB/ARIB transport stream processing
- Supports MPEG-2 H.262 and MPEG-4 H.264 scrambling (SD & HD)
- SPTS/MPTS Streaming and Reception via IP (CBR or VBR)
- Dedicated Ethernet interface for CAS connection
- DVB CSA Simulcrypt scrambling
- High flexibility scrambling on PID Level

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. 750 Mbps total
Output protocol	UDP/RTP Unicast and Multicast, IGMP v2 and v3
Packet Format	MPEG over RPT/UDP
IPTV TS Input format	64 SPTS* (CBR or VBR) or 16 MPTS* (CBR or VBR) * depend of operation mode
IPTV TS Output format	16 MPTS* (CBR or VBR) or 64 SPTS* (CBR or VBR) * depend of operation mode
Time stamp and de-jitter	Yes

PSI/SI and remultiplexing

PID dropping and PID remapping	Yes
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.
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General data

Power consumption	<5 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	mm
Packaging volume sales unit	dm ³
Gross weight sales unit	0.320 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	2,681 dm ³
Gross weight shipping unit	0,380 kg
EAN	4010056712303
Article number	71230
Customs tariff number	8543709000