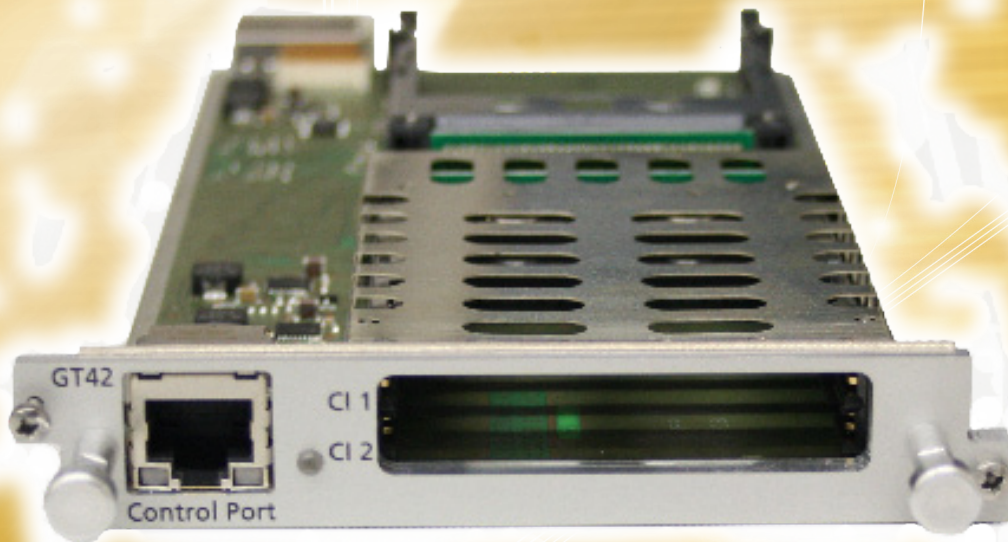


Universal descrambler module

GT 42 W

Product information



The GT 42 module is part of the Tangram product portfolio. The module is designed as descrambler CI 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).

Features:

- Descrambling + MUX function
- Multi channel decryption support (MCD) for payload loop-through to descramble multiple transport streams and different scrambling systems with standard CAMs.
- Up to 4 CA modules per GT 42
- 20 x MPTS or SPTS output



Universal descrambling module GT 42 W

- Modification of PSI/SI tables
- Block PID, PID remapping
- User friendly configuration via standard web browser
- Low electrical power consumption

IPTV Input/Output

Input bit rate	max. 100Mbit/s per IPTS, max. 200 Mbit/s total
Output bit rate	max. 100 Mbit/s per IPTS, max. 400 Mbit/s total
Output protocol	UDP, RTP
Routing scheme	Multicast, Unicast
IPTV TS input format/capacity	CBR, 4 TS (MPTS or SPTS)
IPTV TS output format/capacity	CBR, 20 TS (MPTS or SPTS)
Bitrate Mode	CBR
Time stamp & de-jitter	Yes

PSI/SI and remultiplexing

Multichannel decryption	Yes
PSI/SI analysis and regeneration	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

Graphical User Interface for easy set up of complex systems.	
Simple handling of remultiplexing.	
Embedded web server for management and control.	
Standard web browsers (Explorer, Mozilla etc.) are supported.	
SNMP monitoring	yes
Telnet CLI	yes

Miscellaneous

Power consumption (empty)	<5 W excluding CA-Modules
Power consumption (typ.)	<10 W with 4x CA Module
Dimensions	256 x 114 x 21 mm including extractors
Weight	approx. 230 g
Controller	Embedded web server, SNMP
Operating temperature	-20 °C...+50 °C, non-condensing
Product grading	IEC60728-5, grade 1

Connectors and Interfaces

Control connector	RJ45 (10/100)
CAM connectors	4 x PCMCIA (5 VDC)
LED Indicator lights	Power on (green) / Error (red)

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