

WISI GT 01 W 0048

Tangram basic unit, 48 V DC, with switch and controller



Description

The TANGRAM platform is a very highly customizable and offers advanced DVB stream processing in a small footprint 1RU chassis concept. The TANGRAM chassis can fit up to 6 modules on the backside and 1 module on the front panel. The TANGRAM chassis GT01W0048 comes with one 48 V DC power supply, with an embedded switch on the backplane (GT01W, GT11) and a hot swappable fan tray. The GT01W is a carrier grade chassis and supports a fully redundant concept (1+1, n+1). 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.

Scope of delivery

- 1x Tangram basic unit GT01 1RU
- 1x Power supply 48 V DC
- 1x GT11 Switch Module
- 1x Quick Guide

At a glance:

- Fully redundant concept (1+1, n+1)
- Scrambling and remultiplexing
- Small footprint in 1RU chassis
- Carrier grade chassis with optional redundant power supplies
- Combine GT modules for your application
- Hot swappable fan tray
- Modular architecture
- Embedded switch

Technical data

Switch/Controller

Streaming ports	4 pcs. (1 Gbps, 100 Mbps, 10 Mbps)
Control ports	1 pcs. (100 Mbps)
Category	Layer 2+
Multicast	IGMP V2 + V3
Protocols	RTP, UDP, HTTP, IGMP, SNMPv2, SNMPv3
Redundancy	N+1 module redundancy

Connectors

Module slots	6+1 pcs. 6 back sides, 1 front
RJ45	5 pcs. (without modules, purely chassis)
Power supply	1 pcs. GT 55 W 0048
Optional redundant power supply unit	1 pcs. GT 55 W 0048

General data

Power consumption max.	≤ 40 W (Chassis GT 11; fan unit without modules)
Operating voltage DC	48 V DC
Max. humidity (non-condensing)	95 %
Operating temperature range	-5°C...+45°C, 23°F...113°F, (ETSI EN 300 019-1-3 Class 3.1)
Electro Magnetic Compatibility (EMC)	EN 50083-2, FCC CFR 47 Part 15 (Class A)
Safety compliance	CE, UL/CSA/CAN 62368-1
Hardware revision	01010100
Software version	3.2.4

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	483 x 45 x 473 mm (1HE, 19"-Rack)
Packaging volume sales unit	10,3 dm ³
Gross weight sales unit	8.040 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	570 x 550 x 100 mm
Packaging volume shipping package	31.35 dm ³
Gross weight shipping unit	8,04 kg
EAN	4010056722357
Article number	72235
Customs tariff number	85176100