

# WISI GT 01 W 0230

Tangram basic unit, 230 V AC, 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 GT01W0230 comes with one 230 V AC 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 230 V AC
- 1x Cold-device plug, IEC 60320-C14
- 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, HTTPS, IGMPv2, IGMPv3, SNMPv2, SNMPv3
SNMP	SNMP versions 2c, and 3 with support for traps
Web Interface	Browser-based device configuration (HTTP/HTTPS)
Redundancy	N+1 module redundancy
Port grouping	Port grouping
VLAN	VLAN Yes. Supported VLAN range from VLAN ID 1 to 4095. ID 1 and 16 are reserved for internal management. ID 10 to 15 are reserved for internal streaming.
IGMP Querier	IGMP Querier IGMP Querier is used to support a Layer 2 multicast domain of snooping switches in the absence of a multicast router
IGMP Snopping	IGMP Snopping Yes
Port monitor	Port monitor Yes. Data traffic monitor per port receiving and transmitting in kbit/s
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 0230
Optional redundant power supply unit	1 pcs. GT 55 W 0230
General data	
Power consumption max.	≤ 40 W (Chassis GT 11; fan unit without modules)
Operating voltage AC	230 V (50/60 Hz)
Operating temperature range	-5°C...+45°C, 23°F..113°F, (ETSI EN 300 019-1-3 Class 3.1)
Max. humidity, non condensing	95 %
Electro Magnetic Compatibility (EMC)	EN 50083-2
Safety compliance	CE
Signalling	Multicolor LEDs (Power on - green, Error - red)
Operation Mode	-
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 <sup>3</sup>
Gross weight sales unit	8,04 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	570 x 550 x 100 mm
Packaging volume shipping package	31.35 dm <sup>3</sup>
Gross weight shipping unit	8,04 kg
EAN	4010056711610
Article number	71161
Customs tariff number	85176100