

WISI GT10 0048

Tangram basic unit, 48 V DC, with 10G Traffic Manager



Description

The WISI TANGRAM video platform is a high-density IP video headend for contribution of digital TV via IP networks and end-to-end IPTV solutions such as video-on-demand, connected TV and OTT. The TANGRAM chassis GT10 0048 can fit up to 6 modules at the rear and comes with one 48 V DC power supply, with an embedded 10 Gbps Traffic Manager and a hot swappable fan tray. The GT10 is a carrier grade chassis and supports a fully redundant concept.

Scope of delivery

- 1x Tangram basic unit GT10 1 RU
- 1x Power supply 48 V DC
- 1x Quick Guide

At a glance:

- Combine GT modules for your application
- Embedded 10 Gbps interfaces (2x RJ45, 2x SFP+)
- Scrambling, descrambling and DRM for content protection
- High density IPTV-Gateway with 96 transponders in 1 RU
- EdgeQAM headend with up to 288 QAMs in 1 RU
- Carrier grade chassis with optional redundant power supplies
- Module redundancy and IP input redundancy
- Hot swappable fan tray
- Small footprint in 1 RU chassis

Technical data**Switch/Controller**

Streaming ports SFP+	2 pcs. (10 Gbps, 1 Gbps)
Streaming ports RJ45	2 pcs. (10/1 Gbps, 100/10 Mbps)
Control ports	1 pcs. (1 Gbps, 100/10 Mbps)
IP-Standard	IPv4
Protocols	RTP, UDP, HTTP, HTTPS, SRT, MPEG-DASH
SNMP	SNMP versions 1, 2c, and 3 with support for traps
Management	WebUI, SNMP, REST-API
Redundancy	N+1 module redundancy
Port grouping	No
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.
Port monitor	Yes. Data traffic monitor per port receiving and transmitting in kbit/s
IGMP Snooping	No
Monitoring capacity	SNMP, Syslog, REST-API
Connectors	
Module slots	6 pcs. rear panel
Connectivity ports	RJ45: 3 pcs.; SFP+: 2 pcs.
Power supply	1 pcs. GT55E0048
Optional redundant power supply	1 pcs. GT55E0048
General data	
Power consumption max.	≤ 278 W (fully loaded with 6x GT2000)
Operating voltage DC	-48 V DC
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)	CE, FCC
Safety compliance	CE, UL/CSA
Signalling	Singlecolor LEDs
Operation Mode	-

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	483 x 45 x 473 mm (1 RU, 19"-Rack)
Packaging volume sales unit	10.3 dm ³
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 ³
Gross weight shipping unit	8.04 kg
EAN	4010056768539
Article number	76917
Customs tariff number	85176100