WISI Tangram Base Unit with Integrated Network Switch and 230V Power Supply

14MM-GT01W0230

The 14MM-GT01W0230 WISI Tangram video platform is a high-density digital TV headend unit for IP and RF-based networks. The base unit is highly customisable and offers advanced DVB stream processing in a small footprint 1 RU chassis concept and can fit 6 + 1 modules. The six rear-loaded modules have different functionalities and can perform all necessary signal processing, including descrambling and encrypting services to meet your DRM needs. Available in 230VAC, 110VAC and 48VDC options.

Features and Benefits

- 1RU base unit, embedded gigabit switch with GigE capacity with four streaming ports and one management port
- Built-in power supply and option for redundancy, double independent, load-sharing power supply units. Available in 230VAC, 110VAC and 48VDC options
- Fully redundant concept (1+1, n+1)
- Optional scrambling/descrambling and multiplexing functions (licenses based options)
- Hot-swappable fan bays for uninterrupted maintenance
- Managed 2+ switch built-in for access and control

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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	No
VLAN VLAN	Yes. Supported VLAN range from VLAN ID 1 to 4095. ID 1 and 16 are reserverd for internal managment. ID 10 to 15 are reserverd for internal streaming.
IGMP Querier IGMP Querier	IGMP v1 or v2. 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
Contectors	
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 (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 (ETSI EN 300 019-1-3 Class 3.1)
Max. Humidity, Non Condensing	95 %
Electro Magnetic Compatibilit (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	
Dimensions (WxHxD)	483 x 45 x 473 mm
Gross Weight Sales Unit	8,04 kg