TANGRAM

Software Option
Basic TS Monitoring and Logging
GTMON

TANGRAM GTMON Software Option

The basic transport stream monitoring and logging in the TANGRAM will be enabled by the SW option GTMON. The GTMON SW option allows you to monitor and analyze all IP, ASI or RF input stream continuously. WISI transport stream monitoring is ideal for monitoring service availability and performing basic monitoring of transport streams. The integrated monitoring and logging solution is an optimized and effective method for reliably and cost-effectively troubleshooting digital TV transport stream errors.

Maximum performance, minimum footprint.

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.

Features

- EMBEDDED TS MONITORING AND LOGGING
  → NO EXTRA HARDWARE NECESSARY

- CONTIOUSLY REAL TIME MONITORING OF A HIGH NUMBER OF TS INPUTS
  → NO ROUND ROBIN MEASURMENT

- COMPLIANT TO THE MEASURMENT GUIDELINES ETSI TR 101290 AND ATSC A/78 STANDARD

- OPTIMIZING THE QUALITY OF SERVICE BY ACTIVE MONITORING

- SUPPORTED MANAGEMENT INTERFACE SNMP AND SYSLOG

- LOCAL AND REMOTE MONITORING WITH INTUITIVE WEB INTERFACE

Solutions with TANGRAM

CHANNEL PROCESSING
Headends for residential, regional and national networks.

RF OVERLAY
Solutions for video services in GPON and Active Ethernet networks.

HFC
From the Headend to the wall-outlet: Everything for the cable network.

General Information about SW options

A SW option purchased for a TANGRAM can only be used in this specific TANGRAM. When ordering a SW option for a specific TANGRAM, the serial number of the TANGRAM must be stated. SW options can be ordered together with the TANGRAM HW modules, or separately to an existing TANGRAM module.

Technical Information

Basic TS Monitoring and Logging	
Contiously real time monitoring	Yes
Monitoring capacity	Up to 128 TS inputs
Monitoring data throughput	Max. 850 Mbps
Monitoring and logging level	TS, Service and PID level
Detailed error message	Yes, with PID information
Start and end date message	Yes
Supported errors for TR 101290 priority 1	PAT error, PAT error 2, CC error, PMT error, PMT error 2
Supported errors for TR 101290 priority 2	TEI error
Supported errors for ATSC A/78	PAT error, PMT error, CC error, TEI error
Supported Interface	Web-UI logging, SNMP trap and set, Syslog
Compliance	ETSI TR 101290 and ATSC A/78 Standard

SW options	Article number	Description
GTMON	75386	Basic TS Monitoring and Logging The GTMON SW option is available for all TANGRAM module of the GT2x, GT3x and GT4x series.

Related Hardware

TANGRAM chassis
GT01: 19inch, 1 HU subrack with embedded GigE switch, embedded fans and PSU, and redundant PSU as option

For more information about GT01, and GTx modules, please contact WISI sales, or visit our web site www.wisi.de.

TANGRAM modules
GT23: Edge QAM   **GT31:** DVB – IP Gateway
GT24: Edge COFDM   **GT33**: ATSC – IP Gateway
GT41: IP Processing