

# WISI GT FEC

Software option for IP streaming with FEC Error correction or protection



## Description

The TANGRAM GTFEC SW option provides an advanced error correction and error protection for IP Streams. For IP SPTS or MPTS streaming reception is FEC useful to correct errors in the packets and improving the quality of service. FEC for output streaming with error protection enables TV operators to deliver high-quality error resistant IP streams from the headend. The WISI TANGRAM video platform is a highdensity digital TV headend for contribution of digital TV via IP networks and end-to-end IPTV solutions such as video-on-demand, connectedTV and OTT (Over The Top) or Web TV.

## At a glance:

- Auto detection of protocol and FEC parameter
- RTP/ IP output streaming with FEC error protection
- RTP/ IP input streaming with FEC error correction
- FEC support without extra processor hardware
- Supports 1D (ROW) and 2D (COLUMN + ROW) FEC streams
- Supports RTP Packet re-ordering

## Technical data

### FEC Error Correction IP inputs

Standards	SMPTE 2022-1-2007, ProMPEG CoP#3
Input protocol	RTP/ IP
Matrix size, L	in 1D mode: 1 ... 20 / in 2D mode: 4 ... 20
Matrix size, D	4 ... 20
Matrix size, L*D	≤100

### FEC Error Protection IP outputs

Standards	SMPTE 2022-1-2007, ProMPEG CoP#3
Output protocol	RTP/ IP
Matrix size, L	in 1D mode: 1 ... 20 / in 2D mode: 4 ... 20
Matrix size, D	4 ... 20
Matrix size, L*D	≤100

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm <sup>3</sup>
Gross weight shipping unit	kg
EAN	4010056730710
Article number	73071
Customs tariff number	