

WISI GT 32 W

HIGH-DENSITY ASI INPUT/OUTPUT MODULE



IncaNetworks
Intelligent Video Delivery

Description

The GT 32 W module is part of the TANGRAM product portfolio. The GT32W module allows you to add up to 4 ASI streams input or output per module to your network. TANGRAM is a very high density, highly flexible solution for all kinds of networks. The WISI Tangram chassis uses a fully redundant concept.

Scope of delivery

- 1x GT32 module
- 1x Quick Guide

At a glance:

- 4x ASI input or output, each BNC port configurable as input or output
- PID remapping and filtering
- RTP/ IP input streaming with FEC error correction
- DVB/ARIB transport stream processing
- Demultiplexing from MPTS to SPTS
- High density 24 ASI in or out in 1 RU
- Supports IP input and output streaming (CBR or VBR)
- Supports 188byte and 204byte packet size



A **WISI** Company

Technical data

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|--|----------------------|
| ASI-In-/Output | |
| ASI-Inputs | 4 pcs. (max.) |
| ASI-Outputs | 4 pcs. (max.) |
| ASI-Impedance | 75 Ω |
| ASI-Frequency range | < 270 MHz |
| ASI-Return loss | > 17 dB (27-270 MHz) |
| ASI-Compliance | EN 50083-9:2002 |
| ASI-Packet size Input/Output | 188, 204/188 Byte |
| ASI-PCR restamping | Yes |
| ASI-Input/Output max. payload bit rate | Typical 200 Mbit/s |

Streaming-In-/Output

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|---------------------|---|
| IP-Inputs | 64 or 128 pcs. (128 with GTSTRX License) |
| IP-Outputs | 64 or 128 pcs. (128 with GTSTRX License) |
| IP-Compliance | ISO/IEC 13818 |
| IP-Input bitrate | Max. 425 Mbit/s per IPTS, Max. 850 Mbit/s total |
| IP-Output bitrate | Max. 425 Mbit/s per IPTS, Max. 850 Mbit/s total |
| IP-Input protocol | UDP/RTP/RTP+FEC Unicast and Multicast, IGMP v2 and v3 |
| IP-Output protocol | UDP/RTP Unicast and Multicast, IGMP v2 and v3 |
| IP-TS-Input format | SPTS CBR/VBR, MPTS CBR |
| IP-TS-Output format | SPTS CBR/VBR, MPTS CBR |
| IP-FEC Inputs | Yes, with GTFEC License |
| IP-FEC Outputs | Yes, with GTFEC License |
| IP-FEC Compliance | SMPTE 2022-1, SMPTE 2022-2 |
| IP-Packet format | MPEG over UDP/IP and RTP/IP |
| IP-Packet size | 188 Byte |
| IP-PCR restamping | Yes |

Processing

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|------------------------------|-------------------------|
| Service remultiplexing | Yes, with GTMUX License |
| PID filtering and remapping | Yes |
| PCR correction and de-jitter | Yes |
| Advanced PSI/SI regeneration | Yes, with GTMUX License |
| Encryption | - |
| Encryption throughput | - |
| Decryption | - |
| Decryption throughput | - |
| Compliance | ETSI EN 300 468 |
| Processing Bitrate | Max. 1200 Mbps total |
| Number of PIDs | Max. 4000 PIDs total |

Connectors

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|------------|---|
| RJ45 | 1 pcs. |
| BNC-socket | 4 pcs. Individually configurable for in/ out via UI |

General data

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|-----------------------------|--|
| Power consumption | ≤ 10 W |
| Operating temperature range | -5°C...+45°C, 23°F...113°F, (ETSI EN 300 019-1-3 Class 3.1) |

Technical data

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|--------------------------------------|--------------------|
| Max. humidity (non condensing) | 95 % |
| Electro Magnetic Compatibility (EMC) | EN 50083-2 |
| Safety compliance | UL/CSA/CAN 60950-1 |
| Signalling | Multicolour LEDs |
| Operation Mode | - |
| Hardware revision | 1102 |
| Software version | 3.0 |
| Tuner | - |

Packaging data

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|-----------------------------------|----------------------|
| Sales unit | 1 pcs. |
| Dimensions (WxHxD) sales unit | 325 x 150 x 55 mm |
| Packaging volume sales unit | 2,68 dm ³ |
| Gross weight sales unit | 0.360 kg |
| Shipping unit | 1 pcs. |
| Dimensions (WxHxD) shipping unit | 170x70x340 mm |
| Packaging volume shipping package | 4,0 dm ³ |
| Gross weight shipping unit | 0,360 kg |
| EAN | 4010056730161 |
| Article number | 73016 |
| Customs tariff number | 85437090 |