

# TSIP+

## IP 256I/256O Module



### OVERVIEW

The 'TSIP+' module provides enhanced TS throughput capacity with up to 256 inputs and 256 outputs.

With support of UDP, RTP, RTSP, and HLS protocols, TSIP+ is ideal for both DVB and IPTV deployment.

### KEY FEATURES

- Up to 256 inputs and outputs
- Support for UDP, RTP, RTSP\*, and HLS\*
- Platform-based Modular Design

\*Future options

### ORDERING INFORMATION

Model	Description
WAV-DMPSPMP-TSIP-256I256O	IP 256I/256O Module
WAV-DMP900-CHASSIS	Chassis (1RU, embedded MUX, 6 x slots, Dual PSU, hot-swappable)

### SPECIFICATIONS

#### INTERFACE

Ethernet: 2 x RJ45, 100/1000Base-T  
 2 x SFP, 1000Base-X  
 2 groups (RJ45 and SFP share the same input and outputs)

#### PROTOCOL

Input: UDP,/RTP via Unicast/Multicast  
 IGMP Versions: IGMPv1, IGMPv2, IGMPv3  
 Output: UDP,/RTP via Unicast/Multicast  
 Protocols: RTSP\*, HLS\*  
 \*(Future options)

#### FUNCTION & PERFORMANCE

TS Type: SPTS, MPTS  
 Channels: 256 In, 256 Out @ SPTS/MPTS  
 Effective Bitrate: Maximum 650 Mbps (total 2 ports)  
 FEC: Pro-MPEG Code of Practice 3 rev 2  
 Input only  
 De-jittering: PCR De-jittering  
 Backup: TS-level, port-level backup  
 VLAN: Supported

#### PHYSICAL & ENVIRONMENT

Power Consumption: Maximum 10W