MULTI-STREAM PROCESSOR

Introduction

The Anywave Multi-Stream Processor incorporates a Dynamic PSIP Generator and Inserter, has 4 HD/SD SDI inputs, converts and switches 4 CVBS inputs into 4 SDI outputs, supports 4 ASI inputs into an onboard Multiplexer with 2 ASI outputs, and manages EAS control signals and switching. The module provides manual switching between 4 incoming SDI inputs and 4 converted SDI signals from CVBS sources, with automatic EAS switching of the EAS signal, which overrides all manual settings when an EAS trigger occurs.

Key Features

- ✓ Static & Dynamic PSIP Generator & Inserter, with auto EPG ingestion (TMS, etc.)
- ✓ Provides 4 HD/SD SDI inputs, fully compliant with SDI standards
- ✓ Converts 4 CVBS inputs to SDI signals
- ✓ Manual switching between 4 incoming SDI inputs and 4 CVBS analog-to-digital converted SDI signals into 4 SDI Outputs
- ✓ Automatically switches 4 SDI Outputs to EAS signal when EAS trigger occurs, resumes back to original outputs when EAS trigger stops
- ✓ Provides EAS signal and EAS control signal loop-out
- ✓ 4 ASI Inputs into on-board Multiplexer, with ability to cherry pick programs into 2 ASI Outputs

Specifications

Inputs
- 4 CVBS Inputs: composite video (yellow) and stereo audio (white and red)
  Connector: RCA
- 4 SDI inputs: SD-SDI / HD-SDI compatible
  Connector: BNC female 75 Ω
- EAS IN: composite video (yellow) and stereo audio (white and red)
  Connector: RCA
- EAS CTRL IN: EAS trigger, 6-pin slot
- 4 ASI inputs: Connector: BNC female 75 Ω

Outputs
- 4 SDI outputs: source from 4 SDI inputs and 4 CVBS inputs, or EAS signal when EAS trigger last
  Connector: BNC female 75 Ω
- EAS OUT: loop-out of EAS IN, A/V signal
- EAS CTRL OUT: loop-out of EAS CTRL IN, 6-pin slot
- 2 ASI outputs from Mux:
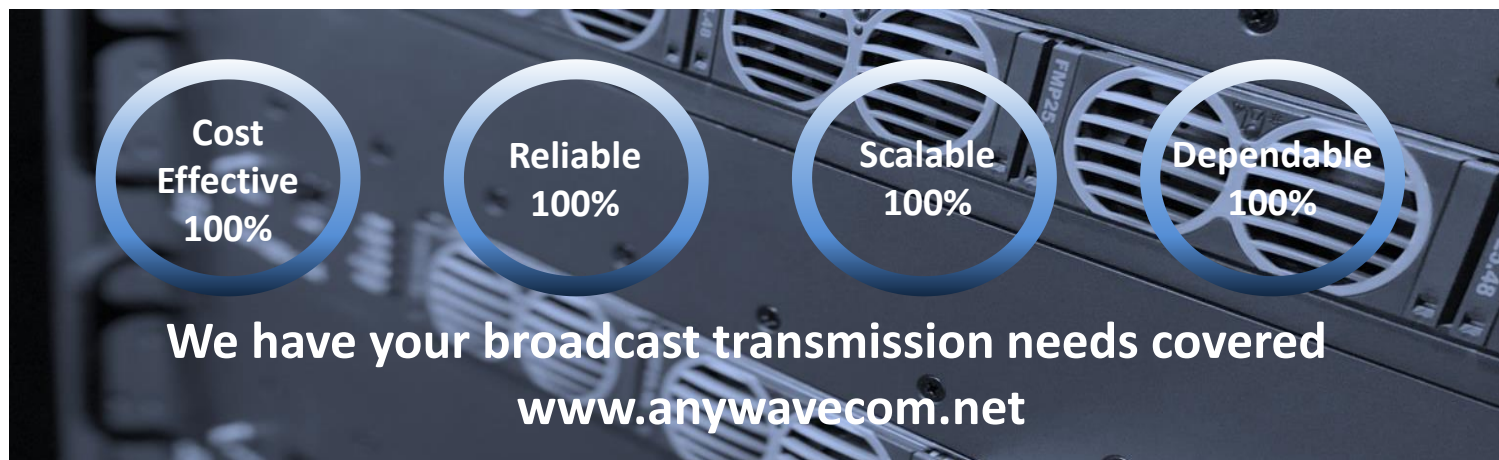 Connector: BNC female 75 Ω

Signal Processing
- Converts 4 CVBS inputs to SDI signals
- Manually switches between 4 incoming SDI inputs and 4 converted SDI signals
- Automatically converts the EAS IN signals to SDI formats when EAS trigger occurs
- Outputs selected source or EAS signal via 4 SDI
- 4 ASI inputs into MUX with program cherry picking

Controls
- MCU ETH: Used for Graphic User interface.
  Connector: RJ-45, 10/100M base-T
- PSIP ETH: Used for PSIP source input and config.
  Connector: RJ-45, 10/100M base-T

Other
- Power Supply: 88 ~ 264 VAC, 50/60Hz
- Operating Temperature: 0° C ~ 50° C (+32°F~+122°F)
- Operating Humidity: ≤ 95%
- Size: 1 RU, 19" Wide
- Weight: 10 LBS (net) / 15 LBS (gross)

Cost Effective 100%

Reliable 100%

Scalable 100%

Dependable 100%

We have your broadcast transmission needs covered
www.anywavecom.net

Anywave Broadcast Inc

Email: sales@anywaveus.com
Phone: +1 (847) 415 2258
Fax: +1 (847) 415 2112
Address: 100 N Fairway Drive, Suite 130
Vernon Hills, IL 60061
Website: www.anywavecom.net