

## DT-ATSC-IP-8V2

### ATSC to IP Converter



The DataTronix DT-ATSC-IP-8V2 allows the operator to create a custom IPTV distribution system output from ATSC off-air and/or QAM input sources. This unit accepts up to eight 8VSB over-the-air channels (including sub-channels), or clear QAM sources from a CATV feed, and outputs in IP. These outputs can be mapped to a desired unicast or multicast IP address.

The DT-ATSC-IP-8V2 processes most major local broadcast networks that have a second or third local channel. These channels can contain important weather-related content, local sports, or secondary programming. Integrators who operate satellite-delivered TV systems will find this unit to be the perfect solution for adding external over-the-air or clear QAM content to their IP distribution system.

As an added benefit, because the additional programming does not come from the satellite source, then in the event of a satellite outage this unit will continue to deliver the additional programming to the property.

#### Key Features

- Accepts up to 8 RF inputs (ATSC-8VSB over-the-air or QAM)
- Allows for Up to 64 Output Programs
- Allows User to “Cherry Pick” Desired Programs as Needed
- Supports STD/HRC/IRC Formats
- UDP / RTP Multicast / Unicast
- Easy to Setup and Monitor with Graphic User Interface
- Front Panel LED Indicators
- High Density 1RU Design

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Input	
RF Mode (ATSC-8VSB and QAM)	
Connector	1 x F-Type, Female
Input Impedance	75 ohm
Modulation	ATSC-8VSB ITU J.83 Annex B (64-QAM, 256-QAM)
Tuning Block Freq Range	55 to 861MHz (Center)
Bandwidth	6 MHz
Numbers of Tuner	8
Input Level	0 to 15dBmV
Loop Through	
Connector	1 x F-Type, Female, Passive

Output	
GigE	
Connector	1 x RJ45
Standard	100 / 1000Base-T Ethernet Full/Half Duplex, Auto-Negotiation
IP Streaming Protocol	
UDP/RTP	Unicast / Multicast
Address Assignment	64 x IPv4 SPTS Address and Port Numbers

Web Management	
GigE	
Connector	1 x RJ45
Standard	100 / 1000Base-T Ethernet, Full / Half Duplex, Auto-Negotiation
HTTP	Embedded

Emergency Alert System (EAS) (Optional)	
GigE	
Connector	1 x RJ45
Standard	100 / 1000Base-T Ethernet, Full / Half Duplex, Auto-Negotiation
UDP / RTP	Supported (user-selectable)
Protocol	SCTE-18 Supported

Alarms / Monitoring	
Local Monitoring	8 x NIM Status LEDs / 1 x Power LED
Local Control	IP Reset Button
GUI Supported	Firefox, Chrome
Password Protected	GUI: Changeable

Power	
Power Supply	12VDC 5.4Amp.
Consumption	23 W Typical
Input Voltage Range	100 to 240 VAC
Input Frequency Range	50 / 60 Hz

Mechanical and Environmental	
Chassis (W x D x H)	19.01 x 9.45 x 1.74" (483 x 240 x 44.2 mm)
Weight	7.9 lbs
Operating Temperature	32 to 122°F (0 to 50°C)
Storage and Transportation Temperature	32 to 140°F (0 to 60°C)
Language	English
Warranty	1-Year Limited Warranty