

Continuum DVP™ Models D6238 & D6239 8VSB Demodulators

Description

The Continuum DVP™ Models D6238 and D6239 8VSB Demodulators from Scientific-Atlanta, enable 8VSB television signals to be inserted into digital cable systems. Both the Model D6238 and Model D6239 will process an off-air HDTV 8VSB television signal providing an ASI output for injection into a QAM modulator. The Model D6239 also includes a built-in multiplexer allowing for the combining of two 8VSB broadcast signals into a single 38 Mbps ASI output for use in 256 QAM cable applications.



Using a standard web browser via the RJ-45 Ethernet port, you can set up all parameters in just a few minutes. Parameters include local station selection, alarms, and even PSIP processing.

You can select certain program elements contained in the stream for deletion. For example, if you choose to completely delete private data services from a particular stream you can simultaneously modify channel numbers to allow correct channel mapping. In another example if both HDTV and SDTV signals are present in the stream, you can just pass the signal you want to inject into your cable system.

Both the Model D6238 and Model D6239 provide quality monitoring of carrier, and transport stream via web interface. Warning and major alarm signals are also provided via contact closures. Plus, the Model D6239 includes switching to a local alternate ASI program.

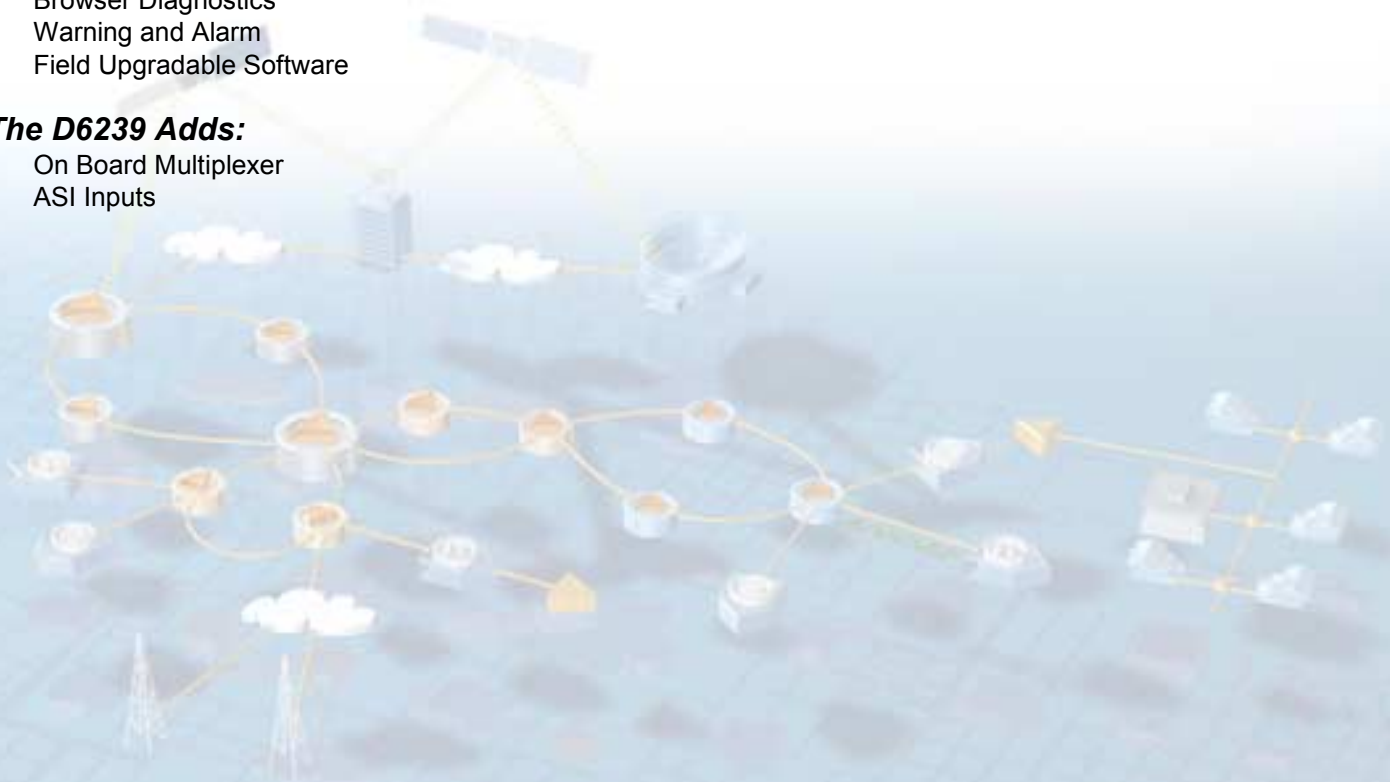
Users who require advanced features like ASI inputs and onboard remux should use the Model D6239.

Features

- 8VSB Input
- PSIP Manipulation
- PID Remapping
- Browser Diagnostics
- Warning and Alarm
- Field Upgradable Software

The D6239 Adds:

- On Board Multiplexer
- ASI Inputs



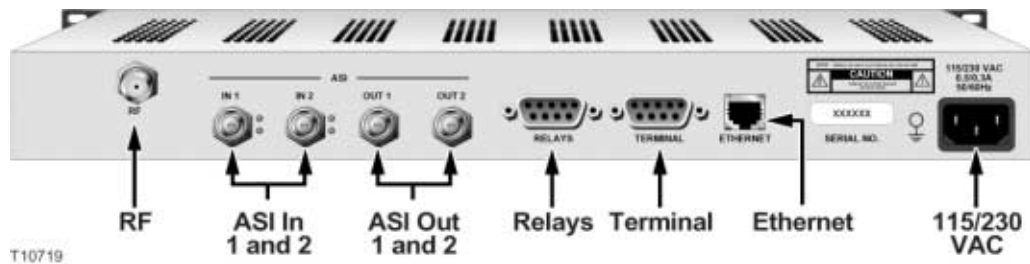
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Specifications

RF Specifications	Value
Input Frequency Range	54 to 804 MHz (channels 2 – 69)
Input Impedance	75 ohms, unbalanced
Input Connector	Type-F female
Input Data Rate	19.393 Mbps
Input Range	-25 to +25 dBmV
ASI Input (D6239 only)	Value
Transport Stream	2 switched DVB-ASI
Input Connectors	BNC female
PSIP Processing	Value
PID Filtering	Selected programs are dropped
PSIP Table Manipulation	Table entries can be changed to reflect cable system carriage definitions
Output	Value
Transport Stream	DVB-ASI
Output Rates	8VSB, 19.393 Mbps 64QAM, 26.970 Mbps 256QAM, 38.811 Mbps
Output Connectors	2 BNC female
Control	Value
Front Panel Display	LCD display with keypad and LED status indicators
Ethernet 10/100 Base-T	Simple web browser interface
Connector	RJ-45
Alarm	Contact closures provide warning and major alarm indication
Power & Mechanical	Value
Power Universal Switching	115 V AC +/-10%, 0.8 A max, 50/60 Hz 230 V AC +/-10%, 0.5 A max, 50/60 Hz
Rack Mount	1.75"H x 19 "W x 13.5"D
Operating Temperature	10°C to 50°C
Agency Approvals	FCC Class A, UL

Rear View (Model D6239 shown)



Ordering Information

Description	Part Number
Continuum DVP Model D6238 8VSB Television Demodulator	1001755
Continuum DVP Model D6239 8VSB Television Demodulator with MUX	1001756



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