

Deluge[®] DG-1000

Intelligent DVB-ASI to IP Gateway



Advancing the State-of-the-Art in DVB-ASI to IP Gateway Solutions



Introducing the NEW Deluge[®] DG-1000 intelligent DVB-ASI to IP gateway headend appliance. The DG-1000 is capable of taking MPTS or SPTS streams in from up to 12 different DVB-ASI sources, allows selection of desired input program(s) per ASI input port, optional CBR conversion (specify bitrate floor), multiplexes selected streams, and outputs MPTS (or SPTS for one program) via IP multicast on gigabit Ethernet. The DG-1000 is the premier DVB-ASI to IP gateway.

- Next Generation hardware
- 12 DVB-ASI input ports
- Gigabit Ethernet output port
- Web-based GUI
- MPTS or SPTS input streams
- Input stream grooming
- VBR to CBR conversion (bitrate floor)
- IP multicast:port output
- MPTS or SPTS output
- NULL packet stripping/stuffing

VideoPropulsion continues as the leader in the industry for the highest density and lowest cost per stream.

Features & Benefits of the NEW FloodGate[®] 4000 Series

Feature	Benefit
Next Generation DVB-ASI & Core Technology	Highest density/lowest cost per stream in the industry
Standards-compliant	DVB-ASI, MPEG2-TS, IP multicast
MPTS or SPTS input/output	Flexible MPEG2-TS input streams supported
Input stream grooming	Choose only the program(s) of interest
Live Configuration Editor	Easy online configuration in the GUI, monitor input streams
NULL packet stripping on input	Removes unnecessary NULL packets on input streams
NULL packet stuffing on output	Pads NULL packets on output to achieve desired CBR output bitrate
VBR to CBR conversion	Variable to Constant bitrate conversion by specifying bitrate floor
IP multicast output	MPEG2-TS over IP multicast:port per input group
High density	12 DVB-ASI ports
High performance	Up to 213Mbps DVB-ASI data rate on each port
Network Management	Simple Network Management Protocol (SNMP)
Web-based GUI	Easy setup and administration
1RU Rack space	Minimizes rack space requirements
1 Year Warranty	Investment protection

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Deluge DG-1000 DVB-ASI to IP

...as easy as 1-2-3

- (1) Monitor the inbound source streams, and choose the PIDs of interest.
- (2) Specify the output IP multicast address and port, and optional CBR bitrate floor.
- (3) Save and activate the config, start the Deluge Service.

VideoPropulsion offers world-class training & toll-free technical support!

Specifications

DVB-ASI Interface

Connectord: 12 BNC female
213Mbps/port
75 Ohm

IP Interface

Connections : 1 GigE Ethernet RJ-45 (Output port)
1 10/100Base-T RJ-45 (Management port)

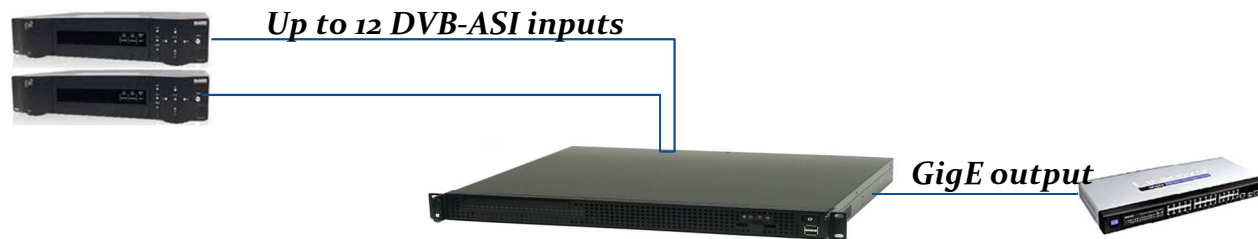
Management

Protocols: SNMPV1, SNMPv2
UI: IE7/8 browser

General

Dimensions: 1RU, 15" deep, shelf required
Weight: 25lbs.
Input Voltage: 100-240 VAC, 47-63Hz

Example DG-1000 Application



Deluge[®] DG-1000 DVB-ASI to IP Gateway