VL4100 Series
ASI Gateway

CITY HALL   HEADEND/HUB

PEG ···· | VL4510/ASI   edge | ···· SINGLE WAVELENGHT FIBER ···· | VB155S-R   link | ···· ASI OUT

SDI   HD+SD   ASI RX

| VL4119   core | ···· IP OUT

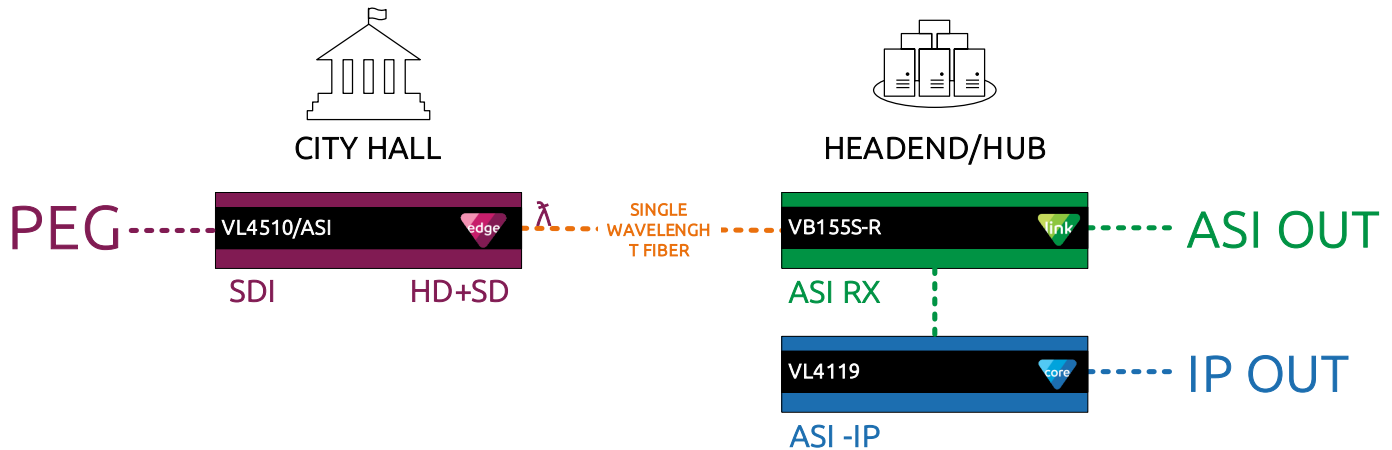ASI -IP

HIGHLIGHTS

♦ Mux multiple ASI streams into one GigE stream

♦ Cost effective, integrated, single box solution

♦ Real Time Input and Output Statistics

♦ Pid Filtering and Remapping

♦ PCR Correction

♦ Null Packets Removal and Stuffing

♦ Jitter Free IP stream

♦ PSI/SI Management System

VividCore VL4100 Series are devices designed for a cost effective solution to give cable operators the ability to migrate legacy ASI video service outputs to the IP Backbone.

An integrated, single 1RU device will take up to 8 ASI streams multiplex them together and deliver them into a single GigE stream for lossless and low latency transport. It's simple architectural design allows you to use PAT and PID data to control the output streams.

The gateways do not compress or decompress the signal, so there are no video quality compromises.

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SPECIFICATIONS

ASI INPUT

8 x DVB ASI Input, BNC, 75 Ohm

TS OUTPUT

Gigabit Ethernet Output, 108M or 900M max , 64 MPEG max, RJ45
Dual ASI output, 108M max, BNC, 75 Ohm (VL4189B model only)

MANAGEMENT

10/100 Out of Band management port, NMS Software
Front panel LCD/Keypad (VL4189B models only)
Web Based Management (VL4189BG model only)

ENVIROMENTAL AND POWER

Power	25W @ 90 to 240VAC
Weight	12lb
Operational Temp	0° to 50° C
Storage Temp	-10° to 60° C
Dimensions	1RU 17.0" W x 12.0"D x 1.75" H

TS Stream Processing

VL4119 and VL4189B only

Up to 108 Mbps per ASI input
188 or 204-byte TS packets auto detection
TS pass-through mode
Optional null removal or stuffing
PCR re-stamping
PSI/SI Management

ORDERING INFORMATION

VL4189B	8 Port ASI Gateway with Dual ASI and IP Output; Up to 108M Throughput
VL4189BG	8 Port ASI Gateway with GigE Output; Up to 900M Throughput
VL4119E/D	Bidirectional ASI-IP Gateway with GigE Output

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