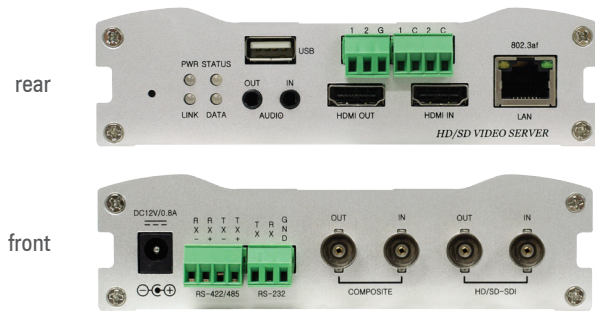# PS-11, PS-102-HDI, PS-102-HDSDI

Producers Station

rear

front

Marshall and StreamVu are pleased to announce integration of Marshall's SD and HD encoders with StreamVu's (**www.streamvu.com**) hosted video distribution services.

Marshall's **PS-11, PS-102-HDI** and **PS-102-HDSDI** AV Encoders have been integrated with StreamVu's content management and distribution system to provide a turnkey solution enabling anyone to encode live content and distribute it via the Internet or over a standard IP network. With the StreamVu service, live and file based content can be distributed from content owners' web pages, or on a web page hosted by StreamVu.

The service, automated and easy to use, requires no coordination with StreamVu for live broadcasts once the account is established. Merchant Account and Subscriber Management functions are provided enabling the content owner to offer PPV or subscription revenue models.

With few easy steps you can become a producer:

- **Purchase one of the automatic Producer Station:**
  - a) **Standard Definition PS-11 (composite input) -** $399.00
  - b) **High Definition PS-102-HDI (HDMI input) -** $999.00
  - c) **High Definition PS-102-HDSDI (HDSDI input) -** $1,999.00
- **Sign up as a Producer at www.StreamVu.com**
- **Connect your Producer Station to Internet and Video and Audio to Producer Station and start streaming LIVE**

PS-11
Standard Definition

Available in June 2012

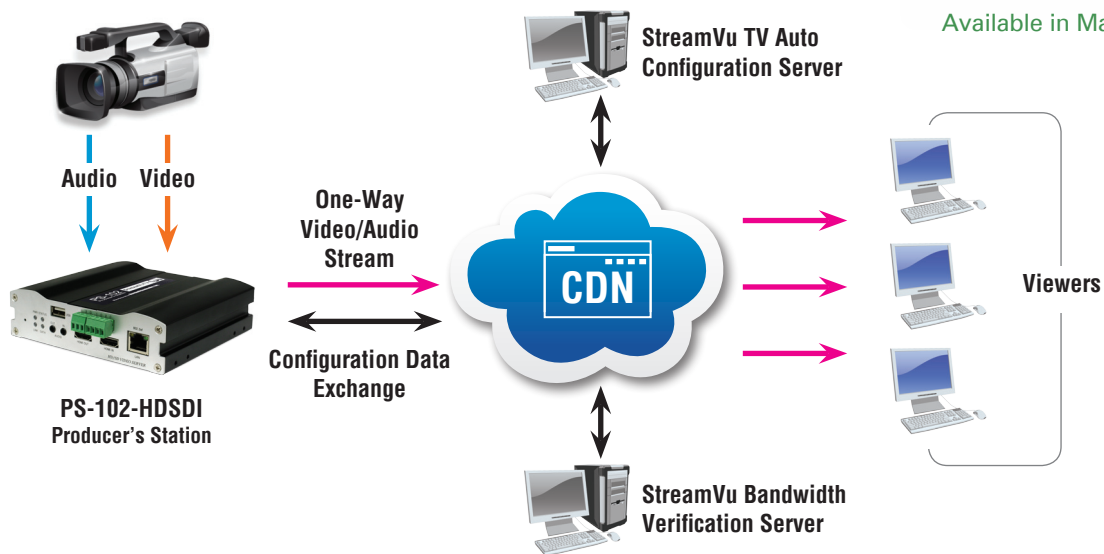**PS-102-HDI**
High Definition with HDMI

Available in May 2012

PS-102-HDSDI
High Definition with HD-SDI

Available in May 2012

VS ENCODER APPLICATION

Audio   Video

One-Way Video/Audio Stream

Configuration Data Exchange

PS-102-HDSDI
Producer's Station

CDN

StreamVu TV Auto Configuration Server

StreamVu Bandwidth Verification Server

Viewers

The Producer Station is a self contained appliance that accepts the audio & video feeds of the event to broadcast and processes the feed to IP for transport to the StreamVu TV server via a high speed broadband / Internet connection. The Producer Station contains all hardware, software, audio & video processing and encoding needed for live streaming.

Each event is scheduled and setup by the Producer via the Producer Portal prior to arriving at the event location. The Producer Station receives its command & control information via the Internet upon connection at the event location. The Producer Station automatically locates the StreamVu TV sever upon connection to the Internet and power-up, performs a series of discovery tests & analyses, establishes the communication link to the server, and readies the initiation of the broadcast. A simple click of a mouse via the Producer Portal is all that is needed to enable the beginning of the broadcast. Likewise, a simple click of a mouse via the Producer Portal is all that is needed to terminate the broadcast.

Specifications for PS-102-HDSDI

Section		Specifications
System	System Mode	Encoder
Network	Network Interface	Ethernet 10 / 100Base-T (RJ-45)
	Network Protocol	TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP
Video	Standards	Main Stream: H.264
		Secondary Stream: N/A
	Bitrate	32 ~ 10,240 Kbps
	Resolution*	1920x1080/60i ~ 352x240/30fps, 18 resolution step
	Frame Rate Range	1 ~ 30fps
	Input 1*	1 x HDMI type-A, HDMI RX
	Input 2*	1 x BNC:HD-SDI
	Output 1	N/A
	Output 2	N/A
	Motion Detection	N/A
Audio	Standards	AAC
	Sample Rate	AAC: 32kHz
	Data Rate	AAC: 64Kbps, 128Kbps
	Input	1 x Line-In (Mini-Stereo)
	Output	N/A
Serial	Port 1	N/A
	Port 2	N/A
	Data Rate	N/A
Sensor / Alarm	Sensor Input	N/A
	Alarm Output	N/A
	Beep	N/A
	Reset Button	N/A
User Interface	System Status	4 x LED
Storage	Recording/Backup	1 x USB 2.0 Port
Software	VS Manager/VMS-16 NVR	N/A
Physical	Dimensions	134(W) X 125(D) X 35(H)mm
	Weight	504 g
	Power Source	DC 12V/0.8A, PoE(Power over Ethernet): 802.3af
	Power Consumption	Max 9.6W
	Operating Temp.	-10° C ~ 50°C / 14°F ~ 122°F

Input type and Resolution are model dependent