



3D for 3-dimensional HDTV

Sales will start from September, 2009.

# Side By Side Encoder/Decoder

**Now realized Live recording and transmitting of 3D HDTV!!**

This equipment is 2-picture synthesizer to make 3-dimensional high definition picture.

Side by side encoder can make one 3-dimensional high definition picture by compressing 2 pictures (L channel and R channel) into the horizontal direction.

Side by side decoder can separate one 3-dimensional high definition picture to 2 high definition pictures conversely.

By using this equipment, **real time synthesizing of 2 pictures from 2 high definition cameras became possible and a standard high definition recorder can record the 3-dimensional video signal with keeping synchronization. This is also useful for transmitting a stream of 3-dimensional high definition live video and live cinema.**

**Input/output is HD-SDI only.**

Corresponding format: HD-SDI 1080 high definition signal based SMPTE292

1080i / 60, 1080sF / 30, 1035i / 60 : 1080i / 59.94, 1080sF / 29.97 : 1035i / 59.94 : 1080i / 50 :

1080p / 30 : 1080p / 29.97 : 1080p / 25 : 1080p / 24, 1080p / 23.98 : 1080sF / 24, 1080sF / 23.98

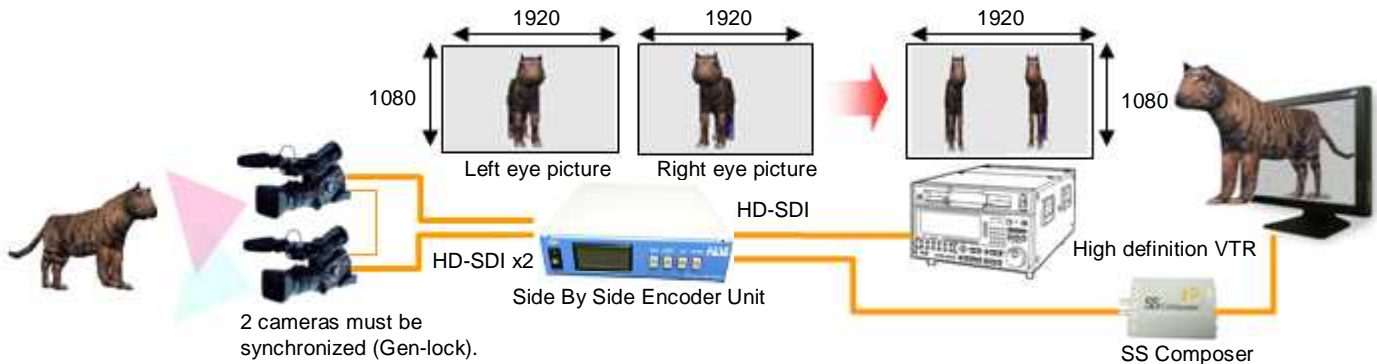


Outside appearance:  
1U half size,  
DC12V (9 – 12V)

Above photograph is during development. The outside appearance of the product will be different.

## Side By Side Encoder Unit

2 high definition pictures from 2 cameras become one high definition compressed into the horizontal direction by Side By Side Encoder. As this picture can be recorded as a standard high definition video signal, one set of high definition VTR can record this signal. And this signal become possible to transmit easily as 3D high definition live video. Live display can be displayed by connecting Xpol 3D monitor and 2-projectors.



## Side By Side Decoder Unit

SideBySide decoder can separate compressed picture as SideBySide to two original high definition pictures. .

