

All-In-one solution for HD live Broadcasting



VStation Series

VStation-Pro VStation-School

3D/2D REAL-TIME HD VIRTUAL STUDIO

HD LIVE VIDEO MIXER

HD CHARACTER GENERATOR

FILE RECORDING & STREAMING



www.brexel.co.kr

VStation-PRO

VStation-PRO is designed for supporting HD/SD-SDI 4CH Real-Time 3D Virtual Studio, HD Professional Video Mixer, HD Character Generator and HD 720p and 1080i File Recording. This professional solution is well-suited for private broadcasters, the education of universities, museums, internet broadcasters and government.

VStation-Pro Series presents reasonable price with unrivaled possibilities and is created to fully support with 3D virtual 30 sets and supports trackless virtual camera with Zoom In/out, rotate, move function and other studio peripherals, offering broadcasters cutting edge solution for creation of virtual sets.

S/W Interface



KEY Feature

Cost Effective System, HD/SD-SDI 4CH Real-Time 3D virtual System, Multi Camera Switching and Preset and Recording, Multi Video Clip/Input Source Display, MP4, AVI, WMV HD File Capture

Real-Time 3D Virtual Studio



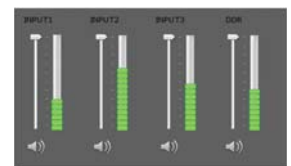
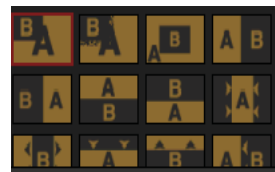
- Available Zoom In/Out, Moving (Up, Down, right, left) and rotation of virtual camera on the real-time.
- Assigns virtual camera preset up to 96 points on the virtual scenes and presets provide transition, animated zoom and rotation with hot keys from 1 to 8.
- Supports overlay of virtual monitors, additional Shoulder Screen, PPT and still image.
- More than 30 sets 3D virtual scenes and AVI clips, PPT, Still images and even live camera can be used as background.

HD Character Generator



- Built-in HD Character Generator, CGStation-HD for real-time operating
- Support 60s In/Out DVE Effects
- Easy to use GUI, Microsoft Ribbon Menu.

15CH HD Video & 5CH Audio Mixer



- On screen monitoring for all switcher inputs such as cameras, PC sources, titles and virtual scenes as well as PGM/PVW.
- 3D DVE effects with page curl and 3D cube as well as more than 30s standard wipe, squeeze and slide patterns
- Supports HD-SDI/SD-SDI/HDMI/HD Component/CVBS/S-Video interface and simultaneous HD/SD input
- Switching input sources up to 15 ch(Video 4ch, PC 3ch and 9 Virtual ch) and coupled with 8x8 Matrix system
- Simultaneous 2 HD-SDI, HDMI and HD Component output
- Built-In 5ch audio mixer

RTMP/RTSP Dual Streaming, HD File Capture



Internet



- RTMP Dual Stream Output (different Profiles), Simultaneous MP4 Recording.
- Supports various resolution 1920 x 1080 ~ 400 x 160 and Bit Rate.
- Supports WMV Pull/Push Streaming and Recording.
- Compatible with Wowza Media Server and Window Media Server.
- Video Playback on all devices in the iPhone, Android and PC.
- Supports MPEG-4 AVI, MP4, WMV Recording

VStation-School

VStation-School is specifically designed for supporting HD/SD-SDI and HDMI 4CH 2D Virtual Studio, HD Video Mixer, HD Character Generator and HD 720p and 1080i File Recording. This solution is well-suited for the education of schools and universities and museums.

VStation-School Series presents the most cost effective solution with unrivaled possibilities and integrates with BlackMagic Design board and universal PC. The strong point is that maintenance is convenient.

S/W Interface



KEY Feature

Cost Effective System, HD/SD-SDI 4CH Real-Time 2D virtual System, Multi Camera Switching and Preset and Recording, Multi Video Clip/Input Source Display, MP4, AVI, WMV HD File Capture

Real-Time 2D Virtual Studio



- Designed for use in 2D Virtual Studio environment with a variety of 2D objects (Still, PPT, DDR, Live Input)
- Advantage of a variety of 2D objects with using Shoulder monitor.
- Easy to use the mouse to move the camera and Zoom In/out, etc.
- Still, PPT, DDR and Live of every category of eight presets can be saved and is possible to use real time switching without rendering.

HD Character Generator



- Built-in HD Character Generator, CG Station-HD for real-time operating.
- Support 60s In/Out DVE Effects
- Easy to use GUI, Microsoft Ribbon Menu.

8CH HD Video & 5CH Audio Mixer



- On screen monitoring for all switcher inputs such as cameras, PC sources, titles and virtual scenes as well as PGM/PVW.
- 3D DVE effects with page curl and 3D cube as well as more than 30s standard wipe, squeeze and slide patterns
- Supports HD-SDI/SD-SDI/HDMI/HD Component/CVBS/S-Video interface and simultaneous HD/SD input
- Switching input sources up to 8ch(Video 4ch, PC 4ch) and coupled with 8x8 Matrix system
- Simultaneous 2 HD-SDI, HDMI and HD Component output
- Built-In 5ch audio mixer

RTMP/RTSP Dual Streaming, HD File Capture



- RTMP Dual Stream Output (different Profiles), Simultaneous MP4 Recording.
- Supports various resolution 1920 x 1080 ~ 400 x 160 and Bit Rate.
- Supports WMV Pull/Push Streaming and Recording.
- Compatible with Wowza Media Server and Window Media Server.
- Video Playback on all devices in the iPhone, Android and PC.
- Supports MPEG-4 AVI, MP4, WMV Recording

Recommend Hardware specifications & S/W Specifications

Specifications		
ITEMS	VStation-PRO	VStation-School
Video Format	1920x1080 59.94/60/50/23.98/24 1280x720 50/59.94/60 720x486 29.97/59.94/23.98 720x576 25/50 Mix HD/SD Format	1920x1080 59.94/60/50/23.98/24 1280x720 50/59.94/60 720x486 29.97/59.94/23.98 720x576 25/50 Mix HD/SD Format
I/O Specifications		
Video Input	Compatible with Blackmagic Design Boards and Physical Input Max. 4ea Ex 1) HD/SD-SDI 4ea Ex 2) HDMI x 4ea Ex 3)HD-SDI x 2/HDMI x 2 (4ch)	Compatible with Blackmagic Design Boards and Physical Input Max. 4ea Ex 1) HD/SD-SDI 4ea Ex 2) HDMI x 4ea Ex 3)HD-SDI x 2/HDMI x 2 (4ch)
Audio Input	Physical Input Max 4ea Embedded Audio & RCA 5ch Audio Mixer(Include DDR 1ch)	Physical Input Max 4ea Embedded Audio & RCA 5ch Audio Mixer(Include DDR 1ch)
S/W Specifications		
Real-Time HD 3D Virtual Studio	Virtual Zoom In/Out, Rotate, Move, Preset Move	NONE
Virtual Camera Preset	8 Preset of one 3D scene	Size adjustable & Positions in 2D Background
Integrated Character Generator	HD Character Generator	HD Character Generator
Virtual Monitor & Shoulder Screen	Supported	Shoulder Monitor Only in 2D Background
Virtual Set Support	30s Full 3D Virtual Set	NONE
Real-Time Switching	4 Input, Preset of All 3D Scenes, PPT, Still, DDR(No Rendering)	4 Input, Preset of PPT, Still, DDR(No Rendering)
DDR Playback Format Support	MP4, WMV AVI, MPG, TS, TP	MP4, WMV AVI, MPG, TS, TP
On Screen Multiviewer	All Input Source, DDR, Still, CG, PGM, PVW	All Input Source, DDR, Still, CG, PGM, PVW
Live WebCasting	RTMP, RTSP Dual Stream For Wowza, WMV Pull/Push	RTMP, RTSP Dual Stream For Wowza, WMV Pull/Push
File Recording	1080i, 720P, User Customized MP4/WMV File Capture	1080i, 720P, User Customized MP4/WMV File Capture
Available Input/Output		
Input Board	Intensity Pro, Decklink SDI, Decklink Duo, Decklink Studio, Decklink Quad	Intensity Pro, Decklink SDI, Decklink Duo, Decklink Studio, Decklink Quad
Output Board	Decklink Extreme 3D	Decklink Extreme 3D
System Requirements		
CPU	Intel I7 Quad-Core CPU or Better	Intel I5 Quad-Core CPU or Better
Mainboard	Intel MotherBoard Z77/H77	Intel MotherBoard Z77/H77
Memory	Above DDR-III 4G Memory	Above DDR-III 4G Memory
VGA	ATI Radeon HD7870 or better	ATI Radeon HD7770 or better
OS	Windows 7 32bit	Windows 7 32bit