AWS-G500/ AWS-G500HD

Live Content Producer

SONY

Anycast Station™
Anycast Station
••• HD •••

Anycast Station

Live Content Producer

Simulated image

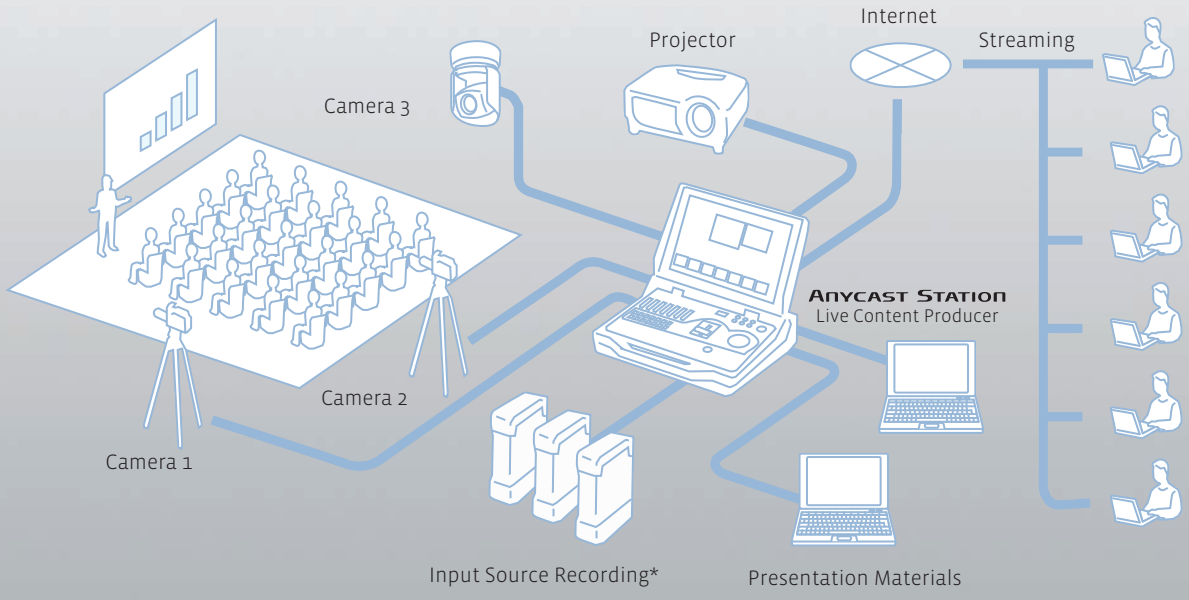
Live Content Producer **AWS-G500/AWS-G500HD**

The Anycast Station™ Live Content Producer is a solution that combines decades of Sony AV expertise together with industry-leading IT technology.
Designed as a powerful content creation tool for live event programming, it is comprised of a high-quality video switcher, an audio mixer, a large LCD display, and a streaming encoder and server – all packed into an attaché case size chassis weighing only about 17 lb. 10 oz (8 kg).

To accommodate today's growing needs to integrate video, audio, and a variety of PC input sources in live events, the AWS-G500 Anycast Station system provides a comprehensive set of AV and IT inputs. These include analog composite, S-Video, DV input, SD-SDI, and balanced analog audio as well as computer RGB input. Furthermore, in response to emerging needs for HD-based live event and content creation, the AWS-G500HD Anycast Station system provides HD interfaces including HD analog component and HD-SDI. The Anycast Station system performs the unique processing that allows live switching between these video and computer sources without the use of external line converters.

When it comes to program delivery, the Anycast Station system is also very flexible. Straight from the Anycast Station system, the user can feed programs to a TV transmitter for live broadcast, record onto tape, feed the switched program output directly to large venue displays, store input sources and a PGM output to external hard disk drives*, stream the program on the web on a live or on-demand basis, or even edit the stored A/V files on a PC.

With all these unique features, plus a logical design for ultimate ease of use, the Anycast Station system is a tool that can be used by anyone, anytime, and anywhere – for remote television broadcast operations, church productions, product promotions, event and live staging, music clip creation, conferences, seminars, and distance learning. Just plug in the power cord, turn on the power, and deliver the program.



*With BKAW570/580 interface modules only.

MAIN FEATURES

All-in-one design

The Anycast Station system comes equipped with a video switcher, an audio mixer, an LCD display, and camera control functions, all packed into a compact attaché case design.

This approach eliminates any external wiring and cumbersome signal adjustments, making setup extremely easy and quick. On the large LCD screen, there are two windows for monitoring the program and preview outputs, together with seven windows to view each individual input source plus one internal still picture source, eliminating the need for multiple video monitors.
These factors make the Anycast Station system a powerful device for producing live events, virtually anywhere and with a minimum production crew and setup time. Despite its compact design, each function of the Anycast Station system provides uncompromising power and quality.

1: **Video Switcher**
Provides:
-1280 x 1024 100-MHz/4:2:2 8-bit processing
-6 primary inputs plus one still picture source
-1 ME with 1 keyer including Chroma Keying
-1 DSK + 1 fixed station logo
-Picture-in-Picture
-16 wipe patterns

2: **Audio Mixer**
Provides:
-48 kHz/24-bit processing
-6 stereo channel input mixing
-6 channel faders and 1 master fader
-Audio-follow-video

3: **Access Buttons**
Pressing an access button calls up the control menus of the associated input to the LCD screen. A variety of video and audio parameter settings can be made.

4: **Mixer Output Controls**
Provides controls for the audio monitor output level, built-in speakers, and headphone output, talkback On/Off, and dimmer On/Off of an intercom. The audio signal to be monitored between PGM, AUX1, AUX2, and MIX.

5: **On-line Button**
Triggers or stops the following functions:
-Streaming distribution
-Recording of input sources or PGM output to compatible hard disk drives
-Recording of PGM output to i.LINK®-compatible VTRs*
-Creating of video-on-demand files of the streaming content
*not available in HD mode

6: **Menu Operation/Camera Control**
General menu selection/settings are made using the menu button and jog roller.
This area also provides control functions for compatible Sony Pan/Tilt/Zoom cameras.
The position controller allows Pan/Tilt control of compatible Sony Pan/Tilt/Zoom cameras while the ten keys are for camera position memory store/recall. VISCA™ control is used to provide Pan, Tilt, Zoom, Iris, Focus, and White Balance control functions.

7: **Device Control**
Provides basic and jog/shuttle control functions of external hard disk drives and i.LINK-compatible VTRs used for playing back video material.
The jog and shuttle dials are also used for focus and zoom control of compatible Sony Pan/Tilt/Zoom cameras.

8: **Talkback Microphone**
Used for talkback purposes. An intercom connector is also provided on the rear panel should the use of an intercom system be preferred.

9: **Wireless Keyboard (Turned Over)**
Used to create still text for superimposition on the program output, type video source names prior to the live event, as well as setting up IP addresses for streaming destinations.

A: **Source Viewer**
Displays the thumbnail video of each input source. The windows of the sources selected for PGM out and PVW out are highlighted in red and amber, respectively.

B: **Streaming Display**
Displays the parameters, current server status of the streaming video, and URL of the Anycast Station system user is operating.

C: **PGW Viewer**
Displays the source currently distributed or presented.

D: **PVW Viewer**
Displays the next source selected for output after the transition.

E: **Effect Display**
The currently selected effect pattern is indicated with an effect icon. Effect and DSK transition durations are also displayed.

F: **Guide Display**
Displays guides for controlling compatible Sony Pan/Tilt/Zoom cameras such as zoom, pan, tilt, focus, and iris. The camera position memory numbers/names of the camera selected on the 'NEXT' button row are also displayed. Also displays general menu selections and settings.

G: **Audio Level Display and Key On Indicator**
Displays either the audio output levels of PGM, MIX, AUX1, and AUX2, or the status of the key; On/Off.

H: **Built-in Stereo Speakers**

Anycast Station

Simulated image

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Easy and integrated operation

The Anycast Station system makes live event programming as simple as possible. This is because the Anycast Station system requires very little or no technical knowledge of switcher and mixer setup and operations due to its extremely intuitive control surface and large LCD display.

With the Anycast Station system, switching between the desired input signals is an extremely easy task. This is because all input sources, as well as the preview and program outputs, are shown on one large LCD screen – simply select the next desired signal from the 'NEXT' button row and slide the transition fader or hit the 'Cut' button.

The window frames of the input sources chosen for the program and preview outputs are highlighted in the same color as the program and preview window markers. This gives operators complete comfort that the correct inputs have been selected. A variety of preset effect patterns are available for source switching transitions as well as for inserting keys.

On all GUI displays, a choice of 10 languages is provided for maximum ease of use.

Camera remote control capability

The Anycast Station system allows operators to easily control up to six compatible Pan/Tilt/Zoom cameras at remote locations, since it allows Pan and Tilt adjustments from its position controller, in addition to Iris, Focus, and Zoom control using the jog and shuttle dials. Sony offers a variety of compatible cameras such as BRC-300, BRC-H700, EVI-HD1.
(For details of compatible models, refer to the chart on page 11)

Text Typing Tool

The Anycast Station system comes with "Text Typing Tool" software, which is controlled via an easy-to-use GUI displayed in full size on the LCD screen.
This GUI can be easily toggled between the main GUI of the Anycast Station system. The Text Typing Tool software allows operators to easily generate still text for superimposition on the program output using the DSK or Keyer. In addition, Wipe and Dissolve effects can be used for the overlaying of text. A number of text files can be created and stored in advance for instant recall during the live event, and it is possible to install TrueType fonts from third parties.
The Text Typing Tool of the Anycast Station system supports ten languages, as listed below.

Multiple Language Support

Languages available on the GUI display and Text Typing Tool:

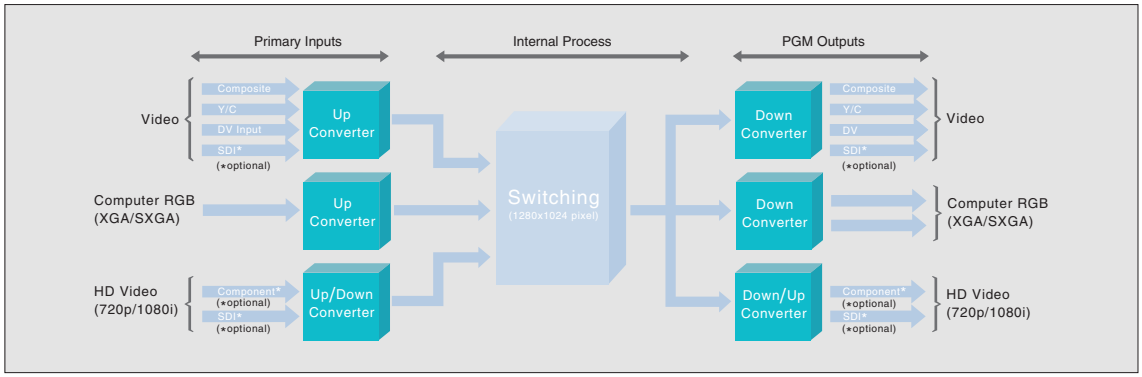
1. English
2. Chinese (Simplified)
3. Chinese (Traditional)
4. French
5. German
6. Italian
7. Japanese
8. Korean
9. Portuguese
10. Spanish

Text Typing Tool Simulated image

Seamless switching between video and PC sources

In live events, there's no telling what types of signal sources need to be presented or distributed. With the Anycast Station system this dilemma is a thing of the past. The Anycast Station system allows live switching between a variety of signal sources – from standard definition video (analog composite, S-Video, DV, SD-SDI), high-definition video (HD analog component, HD-SDI) to PC images with various resolutions. Two important features make this possible – the sophisticated built-in line converters and the high-resolution internal processing. Each input source supplied to the Anycast Station system is up-converted and processed within a 1280 x 1024 progressive domain to allow switching between sources of different resolutions, while keeping picture degradation to a minimum. The program can be output from a variety of interfaces including analog composite, S-Video, SD-SDI*1 for video, HD analog component*2, HD-SDI*3, and D-Sub 15-pin outputs for projectors and Plasma displays.

*1 When using the optional BKAW-580 Serial Digital Interface Module
*2 When using the optional BKAW-560 HD Analog Component Module
*3 When using the optional BKAW-590 HD-SDI Module



Flexible video input configurations

As standard, the AWS-G500 system offers the following video and PC inputs. These are provided as interface modules installed in the slots of its rear panel.

Primary inputs 1 to 4:
Analog composite, S-Video, DV
Primary inputs 5 to 6:
RGB (XGA, SXGA, WXGA)

For AWS-G500HD, the following inputs are standard.

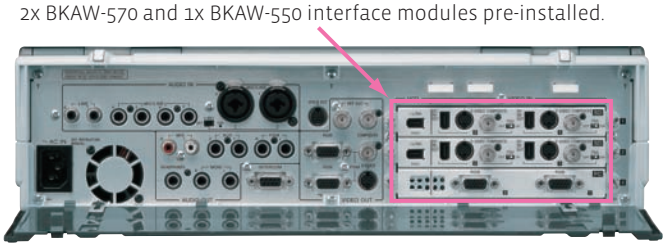
Primary inputs 1 to 2:
HD Analog Component
Primary inputs 3 to 4:
HDSDI

Should a different input configuration be required, a variety of optional interface modules ranging from SD to HD and PC RGB are available, allowing users to configure the system exactly as required.

What's more, the Anycast Station system allows each input on these modules to be assigned to any one of the primary inputs via simple menu settings.

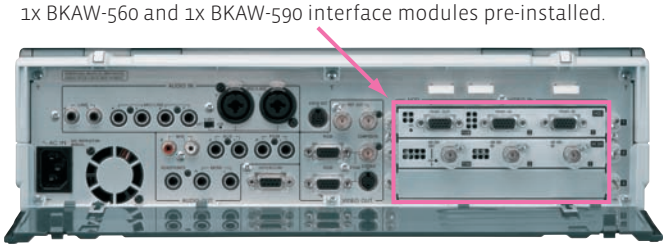
Left Side Panel Connectors

2x BKAW-570 and 1x BKAW-550 interface modules pre-installed.



Rear Panel Connectors (AWS-G500)

1x BKAW-560 and 1x BKAW-590 interface modules pre-installed.



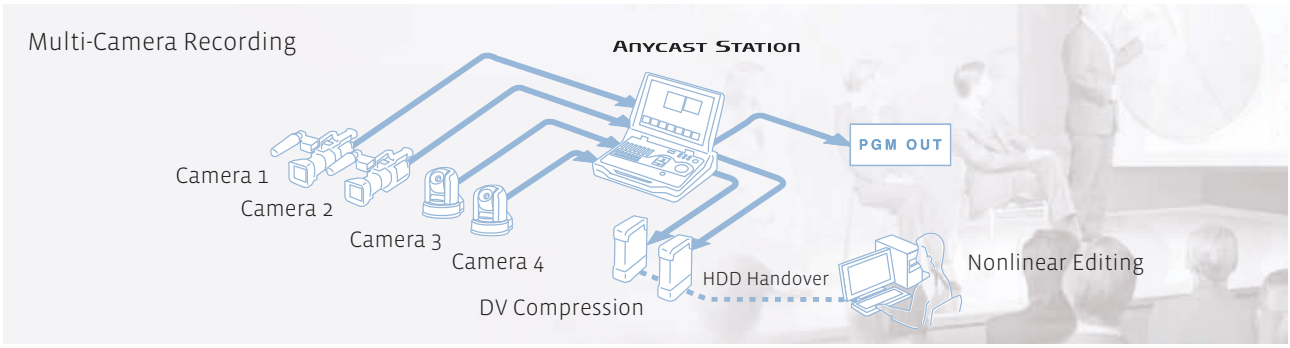
Rear Panel Connectors (AWS-G500HD)

Recording to hard disk drives

***Available with BKAW570/580 only**

During a live event, each standard definition video signal source supplied to the Anycast Station system's primary inputs and PGM output can be recorded to external third-party hard disk drive equipped with an IEEE1394 interface.

The Anycast Station system allows synchronized recording of two primary standard definition video input sources to an external third-party hard disk drive* connected to its rear panel. This means that with only two hard disk drives, four primary inputs can be recorded. What's more, the PGM output of the Anycast Station system can also be recorded to them as DV files.
After recording, the DV files can be played back on a PC by connecting the hard disk drives to it, as well as on the Anycast Station system. In addition, the Anycast Station system has the capability to automatically create an EDL (Edit Decision List) based on its switching information, which allows users to edit DV files on a PC very efficiently.

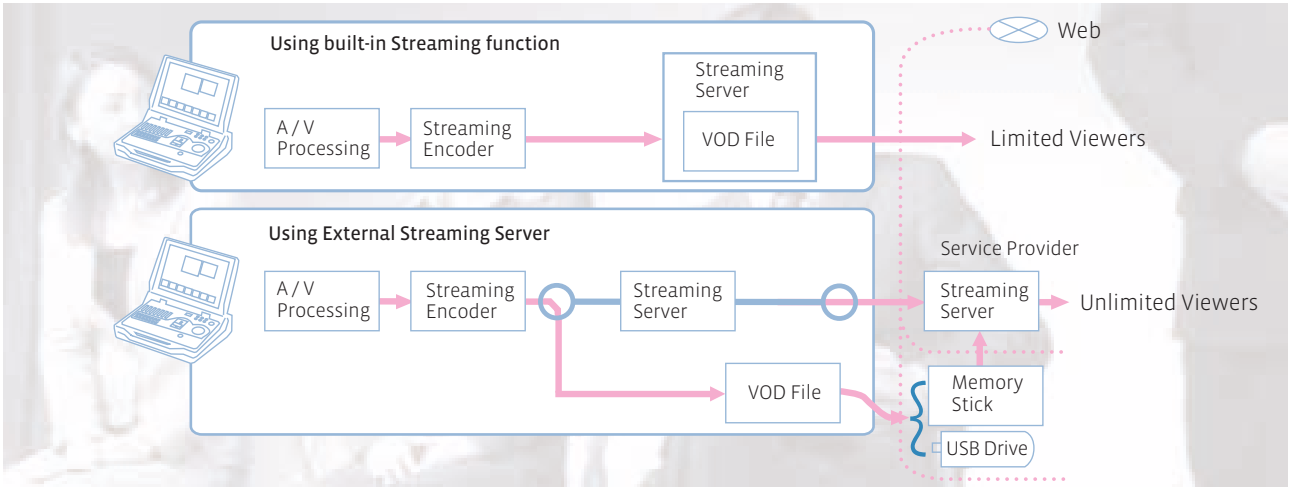


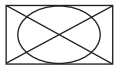
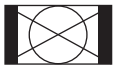
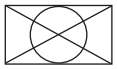
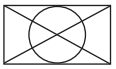
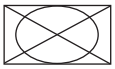
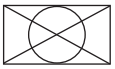
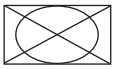
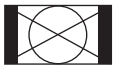
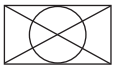
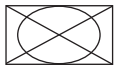
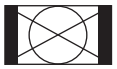
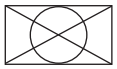
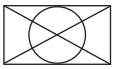
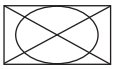
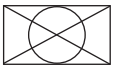
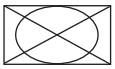
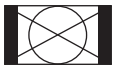
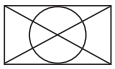
*Go to www.sony.com/AnycastStation to contact the nearest certified Anycast Station system demo artist.

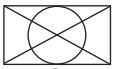
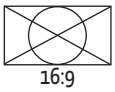
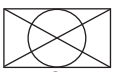
Streaming Encoder and Streaming Server – Live and On-demand Video Streaming

The Anycast Station system provides a built-in Streaming Encoder and Streaming Server as a standard feature for live and on-demand video streaming. This function allows the high-quality program output of the Anycast Station system to be streamed in real-time – with minimum degradation and through very simple procedures – for distribution over the Internet, LANs, or leased lines. When the number of clients is relatively small, the built-in Streaming Server function allows the streamed video to be distributed right from the Anycast Station system without the need for an external streaming server connection. Since the built-in Streaming Encoder also allows connection to external streaming servers, the live event can be widely distributed to hundreds or even thousands of viewers.

The Anycast Station system can also store internally encoded video files on its own hard disk drive and stream them as video-on-demand. This allows a relatively small number of clients to connect directly to the Anycast Station and view video files when they wish. In addition, the encoded video files can also be exported via Memory Stick® Media or USB flash drive to an external server for full-fledged on-demand video streaming to a larger number of clients.



Video Output Mode (Menu)		Type of Input Signals						
		SD input		HD input	RGB input		CG	
		4:3	16:9 squeeze	16:9	XGA/SXGA	WXGA	4:3/5:4	16:9/16:10/5:3
	4:3 mode	 4:3	 16:9 squeeze	 16:9 squeeze	 4:3	 16:9 squeeze	 4:3	 16:9 squeeze
	16:9 SD mode	 Wide screen  Center	 16:9	 16:9	 Wide screen	 16:9	 Wide screen  Center	 16:9
	16:9 HD mode	 Wide screen  Center	 16:9	 16:9	 Wide screen	 16:9	 Wide screen  Center	 16:9

Video Output Mode (Menu)		Signals from PGM Output Connectors			
		SD output*1	HD output*2	RGB output*3	PGM recording to external hard disk drives
	4:3 mode	 4:3	 Black & silent signal	 4:3	 4:3
	16:9 SD mode	 16:9 squeeze	 Black & silent signal	XGA/SXGA  16:9 squeeze WXGA  16:9	 16:9 squeeze
	16:9 HD mode	Composite, S-video  16:9 squeeze No signal for DV SDI  Black & silent signal	 16:9	XGA/SXGA  16:9 squeeze WXGA  16:9	PGM recording to external hard disk drives is unavailable

*1 Output from the built-in composite or S-Video output connector, the SD video interface module (BKAW570) or serial digital interface module (BKAW580).
*2 Output from the HD Analog Component module (BKAW560) or HD SD1 module (BKAW590).
*3 Output from the built-in RGB output connector.

APPLICATIONS

A range of features make the Anycast Station system suitable for virtually limitless applications. The following are typical examples.

Simulated image

- **Church production**
- **Product promotion**
- **Collegiate sports video production**
- **Corporate videos**
- **Event staging**
- **Live stages/music clip creation**
- **Conferences/seminars**
- **Distance learning**
- **Cable access channels**

Example: Large projection application

The Anycast Station system is a convenient live content creation system that allows easy integration of PC images, such as Microsoft PowerPoint® slides and Excel® spreadsheets, into live video programming. The Anycast Station system is designed so that PC image quality and/or video quality are not degraded during source switching, keeping the final program output quality at its best. Since image quality is important when displaying presentations on large projection systems, the Anycast Station system serves as a powerful tool in such applications. The preview monitor on the LCD screen further assists in selecting the next source to be put on screen, allowing for a very smooth, seamless presentation.

What's more, by preparing video clips to be used in the presentation on third-party hard disk drives, operation of the entire presentation becomes much smoother, especially compared to using conventional tape-based playback devices. And, of course, using the built-in streaming capability or signing up with a streaming service provider allows the impressive screen projection to be distributed across the web, delivering the message wherever desired.

SPECIFICATIONS

General

Model	AWS-G500/AWS-G500HD
Power Requirements	AC 100-240 V, 50/60 Hz
Operating Voltage	AC 90-260 V, 47/63 Hz
Power Consumption	160 W
Operating Temperature	42 to 104 °F (5 to 40 °C)
Dimensions (W x H x D)	16 3/4 x 4 1/2 x 14 inches (424 x 114 x 354 mm)
Weight	Approximately 17 lb 10 oz (8.0 kg)

Video Signals

AWS-G500 VIDEO INPUTS (in ex-factory configuration)	
Composite	BNC Type x 4 Video: 1.0 Vp-p, 75 Ω, Sync negative
S-Video	DIN Type x 4 Y: 1.0 Vp-p, 75 Ω, Sync negative C: 0.286 Vp-p at burst, 75 Ω (NTSC) C: 0.3 Vp-p at burst, 75 Ω (PAL)
RGB	D-Sub Shrink 15pin Type x2 (Female)
VIDEO OUTPUTS	
Composite	BNC Type x1 Video: 1.0 Vp-p, 75 Ω, Sync negative
S-Video	DIN Type x 1 Y: 1.0 Vp-p, 75 Ω, Sync negative C: 0.286 Vp-p at burst, 75 Ω (NTSC) C: 0.3 Vp-p at burst, 75 Ω (PAL)
RGB	D-Sub Shrink 15pin Type x2 (Female)
REF OUT	BNC Type x 2 Sync: 0.286 Vp-p, 75 Ω, Sync negative (NTSC) Sync: 0.3 Vp-p, 75 Ω, Sync negative (PAL) C: 0.286 Vp-p at burst, 75 Ω (NTSC) C: 0.3 Vp-p at burst, 75 Ω (PAL)
VIDEO INPUTS/OUTPUTS	
DV IN/OUT	IEEE 1394 6pinx4 IEC 61883-2 equiv.
Video Signals Performance	
Quantization and Sampling Frequency(SD Video)	8 bit Y: 13.5MHz R-Y/B-Y: 6.75MHz
Frequency Response	NTSC: 0 to 4.2MHz +1dB - 3dB PAL: 0 to 4.8MHz +1dB - 3dB
S/N Ratio	50 dB or more (Composite Y)
Y/C Delay	Less than 50ns
REF OUT Frequency Accuracy	Within 50 ppm
RGB Preset Signals	XGA 60Hz (VESA DMT1024x768 60Hz) XGA 75Hz (VESA DMT1024x768 75Hz) WXGA 60 Hz (VESA DMT1280x768 60Hz) SXGA 60Hz (VESA DMT1280x1024 60Hz) SXGA 75Hz (VESA DMT1280x1024 75Hz) Input Only
AWS-G500HD VIDEO INPUTS (in ex-factory configuration)	
Y PB PR	D-Sub Shrink 15pin Type x 2 (Female) / Analog Component 1080 /50i, 59.94i , 720 50p / 59.94p Sync on Y Y: 0.70V, Pb & Pr: ±0.35V
HDSDI	BNC Typex2, 800 mVp-p, 75Ω Video: SMPTE 292M 1080 50i / 59.94i, 720 50PsF / 59.94PsF
VIDEO OUTPUTS	
Y PB PR	D-Sub Shrink 15pin Type (Female) / Analog Component 1080 50i / 59.94i , 720 50p / 59.94p Sync on Y Level Y: 0.70V, Pb & Pr: +/-0.35V
HDSDI	BNC Type, 800 mVp-p, 75Ω Video: SMPTE 292M 1080 50i / 59.94i , 720 50PsF / 59.94PsF Audio: SMPTE 299M (48kHz, 20bit, 1/2CH)

HDD Port (BKAW570/580)

i.LINK*	IEEE 1394 S400 6pin Type x 2 HDD IF: SBP2
HDD Recording / Playback	
Codec	DV
Recording Format	AVI (DV-AVI)
Recording Source	Video: SD Video Inputs / PGM Audio: Inputs(Stereo) / PGM Audio(Stereo)

SUPPLIED ACCESSORIES (AWS-G500/AWS-G500HD)

Operating Instructions	
Keyboard	85 keys + Pointer Infrared communication Powered from AWS-G500/AWS-G500HD: +5 V Battery operation: CR2032 or 2032H
Cell Battery	CR2032 x 2
Pin to BNC Connector	x4

Audio Signals

AUDIO INPUTS	
Analog Inputs 1-2	XLR/TRS Combo Type x 2 Ref. Level: +4 dBu, -20 dBu, -44 dBu / Mic. Power: +48 V
Analog Inputs 3-6	TRS Type (Balanced) x 4 Ref. Level: +4 dBu, -20 dBu, -44 dBu
Analog Inputs 7-8	Pin x 2, Ref. Level: -10 dBu
AUDIO OUTPUTS	
PGM OUT	TRS Type x 2, Ref.: +4 dBu, Impedance: 150 Ω
MIX OUT	Pin Type x 2, Ref.: -10 dBu, Impedance: 470 Ω
AUX OUT	TRS Type x 2, Ref.: +4 dBu, Impedance: 150 Ω
MONITOR OUT	TRS Type x 2, Ref.: +4 dBu, Impedance: 150 Ω
HEADPHONES	1/4" Stereo Phone Jack Type x 1 70mW x 2, Impedance: 47 Ω
INTERCOM	D-Sub 9-pin Type (Female) / Original Parallel I/O
Audio Signals Performance	
Sampling Frequency	48kHz x128 over sampling (A/D)48kHz/32kHz(DV IN)
Quantization	24 bit (A/D, D/A), 32/40bit (DSP)
Frequency Response (MIC/LINE)	20Hz to 20kHz +0.5dB to - 2dB
THD (LINE -10dBu 1kHz)	0.1% or less
Dynamic Range	90 dB or more

Other Interfaces

NETWORK	RJ-45 Type x 1, 10 base-T/100 base-TX
USB	USB A Type x 2, USB equiv.
RGB(GUI)	D-Sub Shrink 15 pin (Female), 1280 x 800 60 Hz
REMOTE	D-Sub 9 pin (Male), RS-232C
FACTORY USE	D-Sub 15 pin (Male), Original Parallel I/O Up to five camera tally outputs are available.
MEMORY STICK	Memory Stick™ Slot
VISCA OUT	DIN 8pin Type x 1 / Sony VISCA camera commands are supported.
LCD	15.4"(viewable area, measured diagonally) High Brightness LCD, 1280 x 800 60 Hz
Speaker	Built-In Speaker x 2 Size: 20x40(mm)
Streaming Performance	
Codec	Real Video 9, Real Audio 8
Streaming Server	Helix™ DNA Server
Protocol	rtsp (Streaming), UDP, TCP, HTTP (Transport)
Audio Sampling Frequency	44.1kHz
Resolution	AWS-G500:160x120, 240x180, 320x240 AWS-G500HD:212x120, 320x180, 428x240
Bit Rate (Video+Audio)	Compression Scheme: Variable Bit Rate Preference: Average (Max. Bit Rate) 34kbps(56kbps) / 50kbps(64kbps) / 150kbps(180kbps) / 225kbps(256kbps) / 350kbps(700kbps) / 450kbps(900kbps) / 700kbps(1400kbps)
Frame Rate	15fps (Typical) **
Distribution Delay	10 seconds or more (inc. player's minimum buffering delay)
Client Number	34, 50, 150kbps: Up to 20 / 225, 350kbps: Up to 10 / 450, 700kbps: Up to 5 (This number is influenced by network conditions.)

OPTIONAL ACCESSORIES

BKAW-550 PC Video Interface Module	
RGB	D-Sub Shrink 15pin Type x 2 (Female)
BKAW-560 HD Video Interface Module	
Y PB PR IN	D-Sub Shrink 15pin Type x 2 (Female) / Analog Component 1080 50i / 59.94i , 720 50p / 59.94p Sync on Y Y: 0.70V, Pb & Pr: +/-0.35V
Y PB PR OUT***	D-Sub Shrink 15pin Type (Female) / Analog Component 1080 50i / 59.94i , 720 50p / 59.94p Sync on Y Level Y: 0.70V, Pb & Pr: +/-0.35V
BKAW-570 SD Video Interface Module	
Composite	BNC Type x 2 / Video: 1.0 Vp-p, 75 Ω, Sync negative
S-Video	DIN Type x 2 / Y: 1.0 Vp-p, 75 Ω, Sync negative / C: 0.286 Vp-p at burst, 75 Ω (NTSC) / C: 0.3 Vp-p at burst, 75 Ω (PAL)
i.LINK	IEEE 1394 S400 6pin Type x 2 / HDD IF: SBP2
BKAW-580 Serial Digital Interface Module	
SDI IN	BNC Type x 2/ Video: 800m Vp-p (75 Ω) / SMPTE259M-C, ITU-R656 compliant / Audio sampling rate: 20 bit 48 kHz 2 channels (channel 1 and 2, or 3 and 4) /SMPTE272M-A compliant
SDI OUT	BNC Type x 1/ Video: 800m Vp-p (75 Ω) / SMPTE259M-C, ITU-R656 compliant / Audio sampling rate: 20 bit 48 kHz 2 channels (channel 1 and 2) /SMPTE272M-A compliant
i.LINK	IEEE 1394 S400 6pin Type x 2 / HDD IF: SBP2
BKAW-590 HD SDI Module	
HDSDI IN	BNC Type x 2, 800 mVp-p, 75Ω Video: SMPTE 292M 1080 50i / 59.94i , 720 50PsF / 59.94PsF Audio: SMPTE 299M (48kHz, 20bit, 1/2CH, 3/4CH selectable)
HDSDI OUT***	BNC Type, 800 mVp-p, 75Ω Video: SMPTE 292M 1080 50i / 59.94i , 720 50PsF / 59.94PsF Audio: SMPTE 299M (48kHz, 20bit, 1/2CH)

* i.LINK is a Sony trademark used only to designate that a product is equipped with an IEEE1394 connector. All products with an i.LINK connector may not communicate with each other. Please refer to the documentation that comes with any device having an i.LINK connector for information on compatibility, operating conditions, and proper connection.

** The Anycast Station system automatically selects the frame rate according to bit rate and picture resolution. Therefore the frame rate cannot be manually selected.

*** The output is active when 16:9 HD mode is selected for Program Output Aspect Ratio.

Optional Accessories

BKAW-550
PC Video Interface Module

BKAW-570
SD Video Interface Module

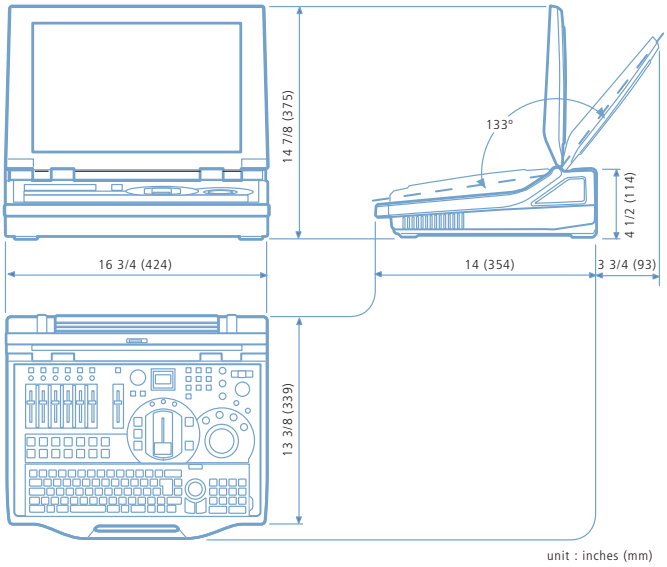
BKAW-580
Serial Digital Interface Module

BKAW-560
HD Video Analog Component Module

BKAW-590
HD SDI Module

LC-AWSBP
Soft Carrying Case

Dimensions



unit : inches (mm)

FUNCTIONS

Video Switcher	
Configuration	6 Primary inputs and 1 Internal Still Picture 1 M/E + 1 Keyer + DSK + LOGO
Input Level Control	Lum Level / Lum Offset(Setup) / Chroma Level / Hue (NTSC only)
Video Effect	Mix and 16 patterns of Wipe P in P: 3 patterns (Large, Medium, and Small) Fade to Black
Key Source	Keyer: Input Signals or Internal Still Picture DSK: Internal Still Picture LOGO: Internal Still Picture
Key Type	Keyer: Luminance Key / Alpha Channel / Chroma Key DSK:Luminance Key / Alpha Channel LOGO: Luminance Key / Alpha Channel
Internal Still Picture	Matte, Color Bar (SMPTE/EBU) Import Picture Format: BMP, TIFF, TGA, JPG
Picture Aspect	4 : 3 / 16:9

Audio Mixer	
Configuration	Input: 8 Monaural inputs or DV Stereo Audio Mixing: 6 Stereo Mixing Output: PGM (Stereo) / MIX (Stereo) / AUX1 / AUX2
Input Control	Input Trim: -15dB to +15dB Filter: High Cut 8kHz, Low Cut 100Hz EQ: 3 Band Parametric Equalizer Limiter: 100:1 Compressor: 2:1 Pan Audio-follow-video
Tone Signal	100Hz, 440Hz, 1kHz, 10kHz

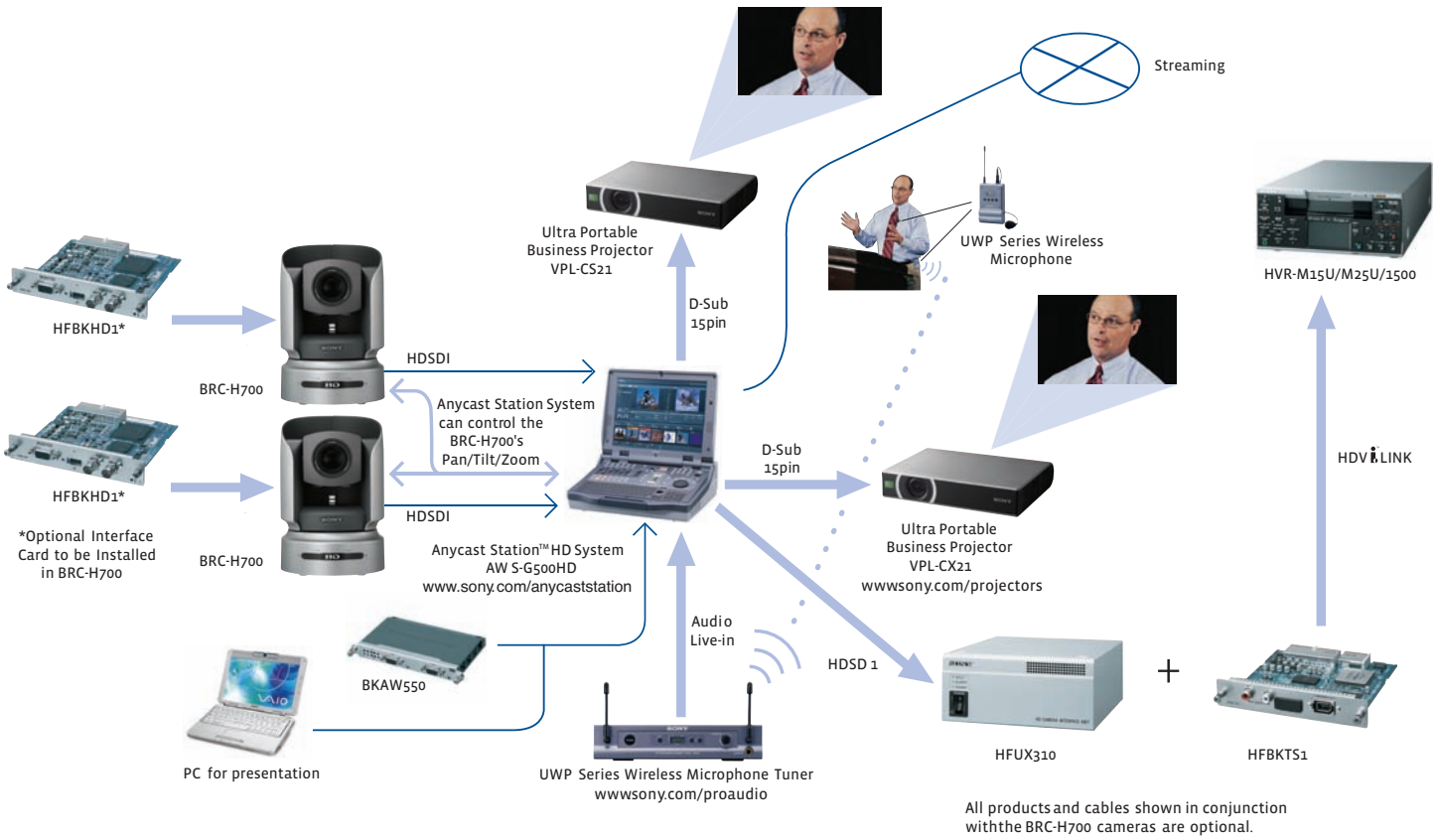
Camera Control	
Recommended Camera	BRC-300 / EVI-D100 / EVI-D70 / BRC-H700 BRC-300P / EVI-D100P / EVI-D70P / EVI-HD1
Max. Controllable cameras	Up to 6 Cameras
Snap Shot Memory	Memory: 6 Items: Pan / Tilt / Zoom / Focus / Iris
Control Tool	NEXT Button / Pointer / Jog Shuttle Dial

Streaming	
Streaming Control	Online Button for starting Streaming
Meta Data Description	Title, Author, Copyright

Text Typing Tool	
Resolution	1280x 960 RGB 8 bit
Objects	Text, Line, Background Color
Modification	Bold, Italic, Underline Edge Border
Font	Three English True Type Font
Import format	True Type Fonts (.ttf)
Export format	TIFF, TGA
Color Tool	RGB/HSL Slider type, Color Picker type
Others	Kerning, Spacing, Centering, Ordering, Safe Area

Job Management	
Save/Load	Setup data can be stored on or recalled from a built-in hard disk drive.
Import/Export	Setup data can be exported to or imported from a Memory Stick® media or USB flash memory device.

Live Event Venue with Dual Screens



The BRC-H700 can be remotely controlled (pan/tilt/zoom) by the Anycast Station™ HD system (AWS-G500HD), and up to six presets can be registered. The BRC-H700 camera, along with he portable Anycast Station system, the ultra portable business projector VPL-CS21/CX21, VAIO® Series PC, and the UWP Sereies Wireless Microphones enable you to run high quality live presentations virtually hassle-free, with less people.

Anycast Station

Anycast Station ••• HD •••

www.sony.com/AnycastStation

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