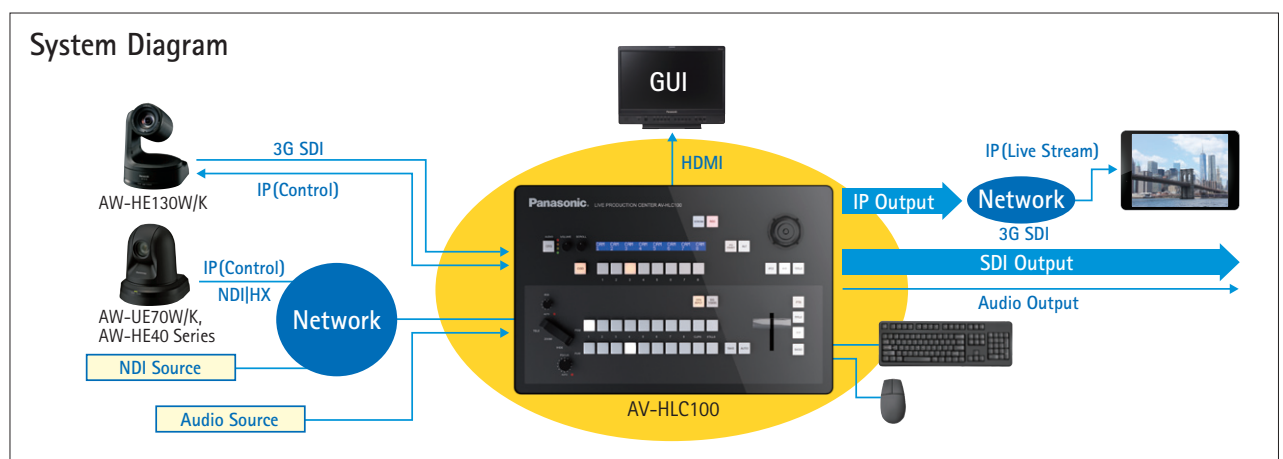




Combining 1ME switcher, PTZ camera controller, and audio mixer functions, the Live Production Center enables easy live streaming with one-person operation.

The AV-HLC100 Live Production Center provides easy and simple A/V production and broadcasting live streaming at various live events or conferences with a limited number of operators. Combining 1ME switcher, PTZ camera controller, and audio mixer functions in a single device, the AV-HLC100 makes it possible for one person to operate everything from PTZ camera shooting to streaming transmission. For PTZ camera operation, the connection and settings can be easily done using the Easy IP connection function, and pan, tilt, zoom, and focus operations can be performed with one hand using the large joystick.

Output format support includes 1080/59.94p and 50p, and there is also a cross conversion (between 1080 and 720) function. Flexible transmission can be achieved since it is possible to mix embedded, line-input, and mic-input audio and add it to the video. In addition, supported network protocol the NDI™, NDI|HX and the RTMP (direct transmission to live streaming services such as YouTube Live). High-performance professional operation can be realized even in production environments with few operators and no expert staff.



Live Production Center AV-HLC100

Main Features

- Create your own great multimedia content for live events and video streaming.
- Fast, straightforward, and easy to set up.
- Support 1080/59.94p and 50p video format ideal for sports video production.
- Support for a wide range of video formats, including 3G.
- Easy PTZ control cameras by Preset selection with thumbnail.
- Compact size body enables the content creation and the streaming from anywhere.

Specifications (Preliminary)

Power Supply	DC power supply (AC adaptor provided)
Dimensions (W x H x D)	373 mm x 72 mm x 238 mm (14.7 inches x 2.8 inches x 9.4 inches) (excluding protrusions)
Accessory	AC adaptor, Power cable
ME	1ME
XPT buttons	10 (include external sources)
Internal Sources	Stills, Titles and clips
Number of Keyer	x2 (Title, PinP)
Number of PinP	x1
Video Format	1080/59.94p, 1080/59.94i, 1080/29.97p, 1080/29.97PsF
	1080/50p, 1080/50i, 1080/25p, 1080/25PsF
	720/59.94p, 720/50p, 720/29.97p, 720/25p
Video Inputs	SDI x4 or SDI x3 and HDMI x1 ^{*1}
Network Inputs Sources	x8 (NDI)
Audio Inputs	x12 (Selectable)
	• x8 IP (NDI)
	• x4 Embedded digital audio via SDI inputs
	• x1 1/8" (3.5 mm) stereo mic input, x1 1/8" (3.5 mm) stereo line input
	• x2 1/4" (6.35 mm) balanced line<L/R>
Video Output	• External USB audio sources
	x6
	• x3 (SDI x2, HDMI x1)
Network Outputs (Live Streaming)	• x2 Network outputs (NDI)
	HD live streaming with simultaneous stream file archive
	• x1 Network output (NDI and RTMP)
Audio Outputs	• x2 Embedded digital audio via video outputs (SDI x2, HDMI x1)
	• x2 1/4" (6.35 mm) balanced line<L/R>
	• x1 1/8" (3.5 mm) headphone jack

Effects and Transitions	Wipe/Mix/Cut
	• Background Video
	• P in P
	• Title (Key)
Audio Mixing	4ch Master Mix
Recording	Yes (Same as streaming output)
Title/Still image Buffer	x8
Tally Output	D-sub x1
Number of cameras that can be connected	Up to 8 cameras
Applicable PTZ camera model	AW-HE130W/K, AW-UE70W/K, AW-HE40SW/SK, AW-HE40HW/HK
Pan/Tilt/Zoom and Focus control	Joystick and GUI
Zoom control	Rocker Switch (Can also use the joystick.)
Iris control	IRIS Knob
FOCUS control	FOCUS Knob (Can also use the joystick.)
Auto IRIS ON/OFF	Button
Auto FOCUS ON/OFF	Button
PTZ preset control	Store/Recall (Up to 100 preset/camera)
Interface	
D-sub (15pin)	TALLY
LAN (Gbit)	x2
USB (3.0)	x4

^{*1}: HDMI highest supported formats may be 1080i60 and 1080p30.
* NDI™ is a trademark of NewTek Inc.

* Specifications are subject to change without notice.

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Factories of AVC Networks Company have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)