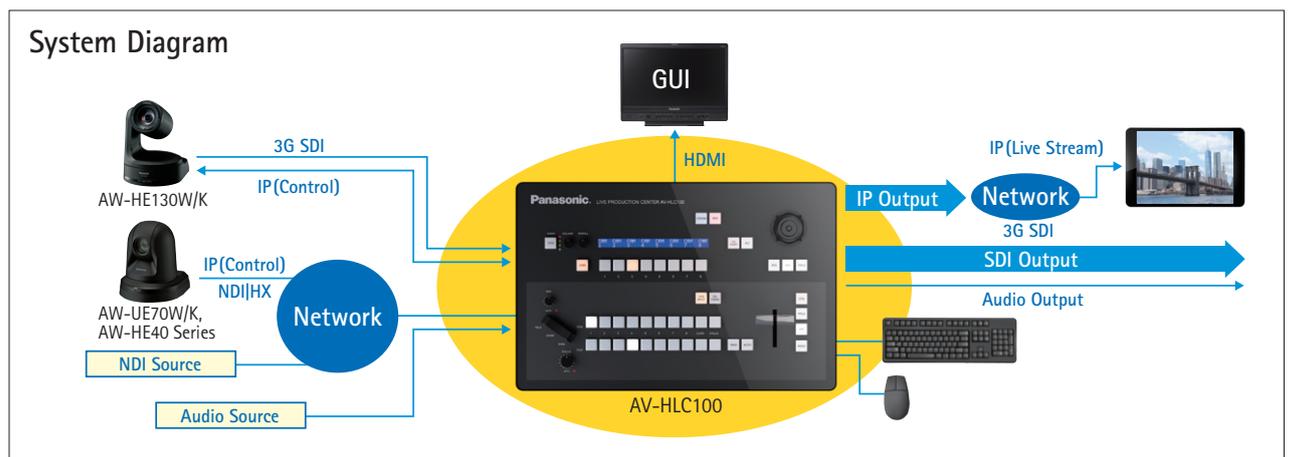




Combining 1ME switcher, PTZ camera controller, and audio mixer functions, the Live Production Center enables easy live streaming with one-person operation.

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) x12 (Selectable) <ul style="list-style-type: none">• 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>• External USB audio sources |
| Audio Inputs | x6 <ul style="list-style-type: none">• x3 (SDI x2, HDMI x1)• x2 Network outputs (NDI) |
| Video Output | x3 (SDI x2, HDMI x1) x2 Network outputs (NDI) |
| Network Outputs (Live Streaming) | HD live streaming with simultaneous stream file archive <ul style="list-style-type: none">• x1 Network output (NDI and RTMP)• 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 |
| Audio Outputs | |

| | |
|---|--|
| Effects and Transitions | Wipe/Mix/Cut <ul style="list-style-type: none">• 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.)