

NDI I/F Unit for Live Switcher AV-UHS500, featuring NDI® support and IP transmission via NDI® and NDI®|HX

- NDI®*1 and NDI®|HX*1 signals can be input directly from cameras to the AV-UHS500 using a single LAN cable
- NDI®*1 signals enable the AV-UHS500 to be connected to a streaming PC using a single LAN cable
- Hardware processing enables the construction of highly-reliable IP systems
- Remote live production that supports video transmission and camera control can be achieved when used in a system with Panasonic cameras*2 with NDI®*1 and NDI®|HX*1 support



*1: In this instance, NDI® is used to indicate low latency with high bandwidth NDI®, NDI®|HX is used to indicate high efficiency low bandwidth NDI®|HX. NDI® is a new protocol developed by NewTek, Inc. that supports IP video production workflow. NDI® is a registered trademark of NewTek, Inc. in the United States.

*2: Panasonic 4K/HD Integrated Cameras and Memory Card Camera Recorder AG-CX350. Refer to the Panasonic website (<https://pro-av.panasonic.net/en/>) for details on 4K/HD Integrated Cameras with NDI® and NDI®|HX support.

High-quality remote live production through NDI® and NDI®|HX

With this NDI I/F Unit attached, the Live Switcher AV-UHS500 supports input and output via the high quality, low latency video transmission of NDI®*1 and the stable, low bit rate transmission of NDI®|HX*1. This enables the construction of IP streaming systems covering operations from video transmission to camera control using a single LAN cable and supports remote live video production at sports and other event venues.



Live Switcher
AV-UHS500

NDI®*1 and NDI®|HX*1 support

NDI®*1 and NDI®|HX*1 signals can be input directly from cameras to the AV-UHS500 with a single LAN cable. With NDI®*1, the AV-UHS500 can be connected to a streaming PC with a single LAN cable. Up to two units can be fitted to a single AV-UHS500.

NDI®: Maximum 3-4 inputs (in HD mode), 1-2 outputs (in HD mode)
: Maximum 1 input (in 4K mode), 1 output (in 4K mode)
NDI®|HX: Maximum 2 inputs (in HD mode)
* NDI®|HX version 2 is also supported.
NDI®|HX is only supported for input and is only supported in HD mode.

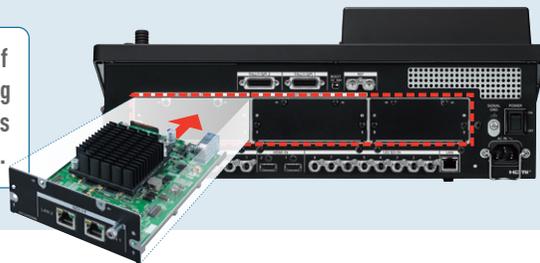
Connection with a single LAN cable

Two LAN terminals (1 Gb each) secure a maximum bandwidth of 2 GB.

Frame Synchronizer for All Inputs

All input channels feature a built-in frame synchronizer. The Genlock function also supports synchronizing systems based on external sync signals (Black burst or Tri-level).

The unit is inserted into the back of the AV-UHS500 body, eliminating the need for complex configurations incorporating external converters.



• NDI I/F Unit AV-UHS5M6G Rear View

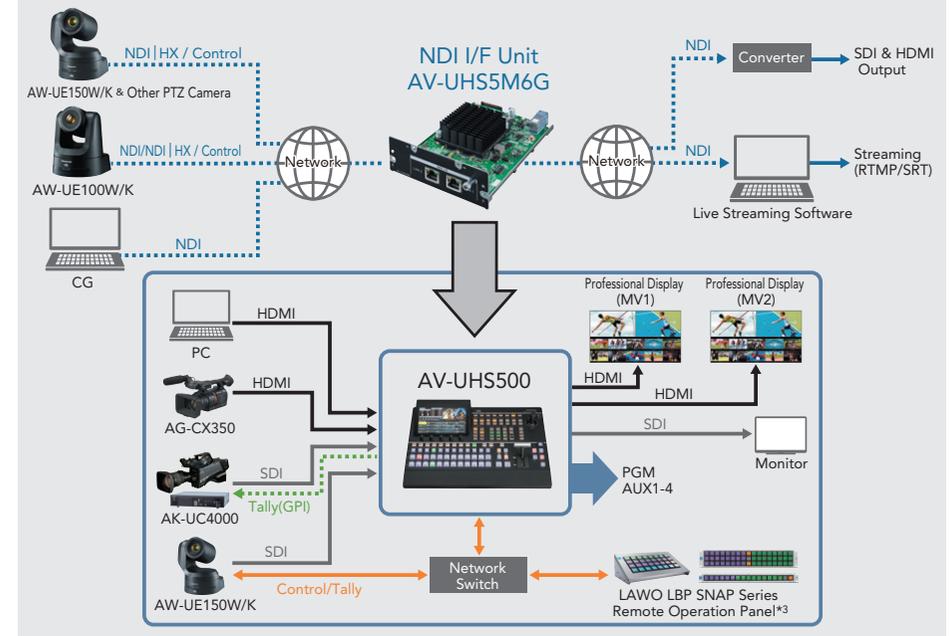


Remote live production

When used in combination with Panasonic cameras*2 that support NDI®*1 or NDI®|HX*1, operations from video transmission to camera control and tally output can be performed

using a single LAN cable. By supporting camera operation in addition to video transmission, this unit enables remote live video production.

• Example System Configuration



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



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