



Insight4 Multi Channel Video Server



Insight4 Key Features

- I Up to four channels in a single 1 RU enclosure.
 - Channels can be configured as input, output, or combined video + key.
- I Allows separate resolution playback per channel.
 - i.e. SD, HD, 3G.
- I Supports multiple users over a web browser interface.
 - No special software to install or license.
- I Sub-clip editing functionality allows the creation of multiple instances of clips based on in-point and out-point.
- I Files can be ingested and sent to network locations for full workflow integration.
- I Mixed file formats can be included in a single playlist.
- I Order Model number FGP-400 (includes redundant power supply)



Shown with optional touch screen client computer

The Insight™ Production Server is a versatile four channel playout system designed for studio and OB Van environments.

The wide range of supported wrappers and codecs makes Insight an excellent tool for media contribution and general video playout tasks. The system supports up to four SD, HD or a single channel 4K (option). Channel pairs can be used for dual video + alpha outputs.

Insight has a full web interface that allows users to control the server from any device. Security and integration are key aspects of the system design. Assignable users, groups and security attributes brings confidence to large scale operations. A relaxed security mode is also available for a simplified operation on trusted environments. Different interface facets allow appropriate information to be exposed to different user roles. System video is streamed to web client instances to show actual content, allowing users to visualize and control Insight from a computer or mobile device connected to the network.

Studios and production environments usually have complex interactions between an assorted set of devices, which are coordinated either through human interaction or proprietary links. Insight's flexible event processor allows the connection of multiple devices such as video switchers and other studio equipment to orchestrate event triggering for a seamless production.

Insight Production Server is a tool for evolving infrastructures that require flexible file support, ease of use and event synchronization. Team up Insight Production Server with a Hanabi Switcher and create a full production suite with unmatched resources.

Storage options

4 x 3.5" Hot-swap SAS/SATA drive bays
 4 x 2 TB 7200 RAID 10 storage (approx. 150 hours at 50 Mbps)
 4 x 500 GB SAS RAID 10 Storage (approx. 40 hours at 50 Mbps)



Supported resolutions

NTSC - PAL - HD 720P (23.98/24/25/29.97/30)
 HD 1080i (23.98/24/25/29.97/30)
 HD 1080p (23.98/24/25/29.97/30) - 4K



Supported wrappers

MXF | MOV | AVI | MP4



Supported codecs

MPEG-2 | H.264 | XDCAM | IMX | AVC-Intra | DNxHD



Channel configurations:

Playout x 4
 Record x 4
 Video + Key output x 2
 Or combinations of the above.
 Video + key requires two outputs per channel



Device integration

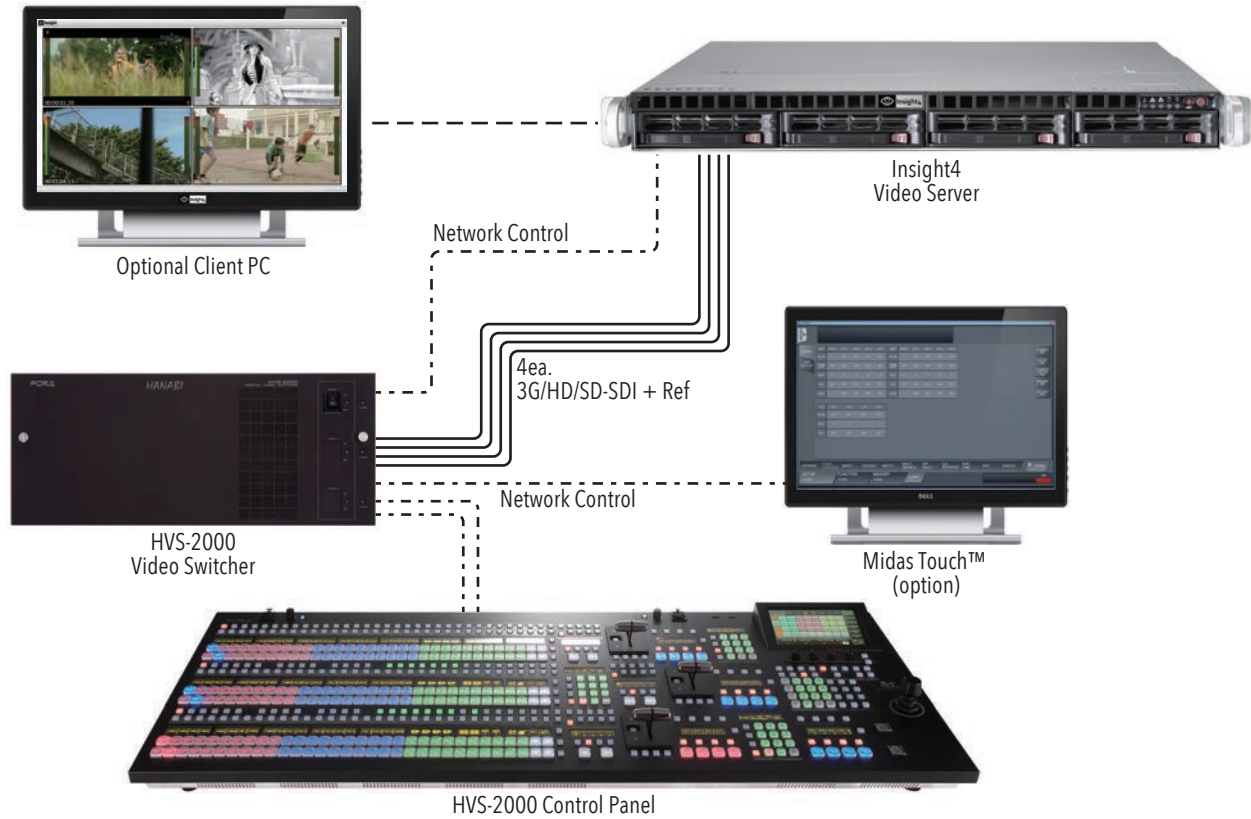
FOR-A Hanabi Switchers | BVS/DVS | VDCP



Example Insight4 Server used with HVS-2000 Video Switcher

The Insight™ Production Server connects natively to the HVS-series video switchers allowing excellent interactive event synchronization between switcher and server.

Functions such as video cue and play based on bus tally and "Auto Take" following end of clip are easily achieved.



Specifications

CPU
Intel E5-1650V3 3.50 GHz (*subject to change)

RAM
4 GB DDR3, 4

OS
Microsoft Windows 8.1 Professional 64-bit

Drive Bays
Hot-swap 2 TB 7200rpm RAID 10
4 x 3.5" Hot-swap SAS / SATA drive bays
Approx 150 hours of HD at 50 Mbps

Front Panel
Power & System Reset button
Status LEDs

Power Supply Hot Swap Redundant
350 W AC power supply w/PFC 100 VAC ~ 240 VAC,
50/60 Hz, 4.2 A ~ 1.8 A
UL, CE, FCC listed

Operating Environment (System)
5°C ~ 35°C (41°F ~ 95°F)

Dimensions
17.2" (W) x 1.7" (H) x 19.8" (D)
437 (W) x 43 (H) x 503 (D) mm

Packaging
23.4" (W) x 8.5" (H) x 29.7" (D)

Gross Weight
31 lbs (14.1 kg)

Rear Ports
2 x RJ-45 Gigabit Ethernet LAN
1 x RJ-45 Dedicated IPMI LAN port
2 x USB 3.0 ports (2 rear)
4 x USB 2.0 ports (2 rear + 2 front)
1 x VGA port
1 x RS-232 serial port

Video Connectors:
4 x 3G/HD/SD-SDI
1 x Ref Input BB, TriSync
Mini BNC connector 75Ω
Four channels configurable as:
Playback x 4
Record x 4
Video + Key output x 2
Or combinations of the above.
Video + key requires two outputs per channel



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ISO 9001 and 14001 certified (Sakura R&D)

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