



ingeStore
SERVER 3G

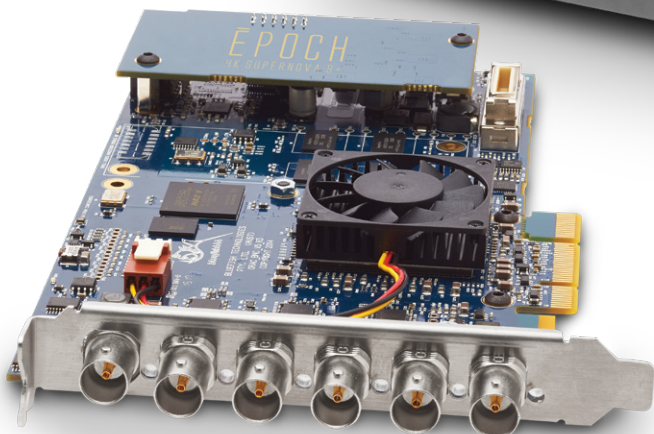
EPOCH
4K SUPERNOVA S+

A 3RU SERVER CAPABLE OF CAPTURING 4 INDEPENDENT STREAMS
OF VIDEO FROM SEPARATE SDI SOURCES SIMULTANEOUSLY



NOW SUPPORTING

SHARED STORAGE



ingeStore

SD HD 3G


Platform
CERTIFIED


Alliance
PARTNER

Visit shop.bluefish444.com to purchase additional codec licences for IngeStore

SDI
12/10/8-BIT



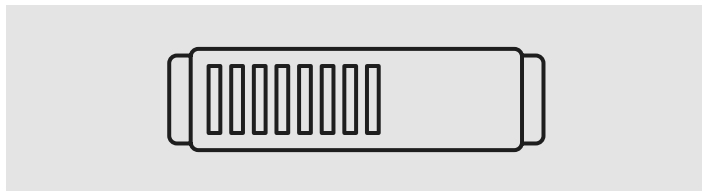
MULTIPLE
CODEC
OPTIONS

EDIT
WHILE
RECORD

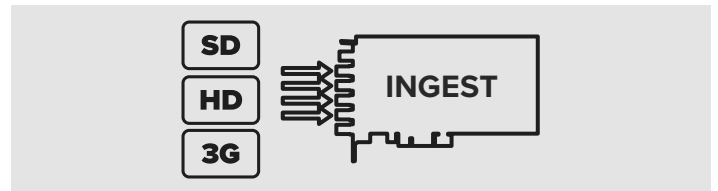




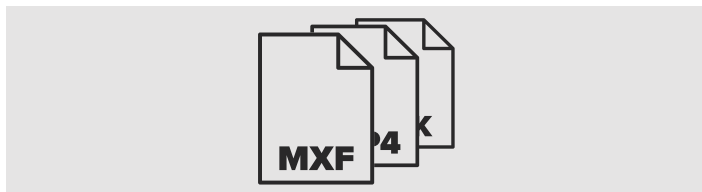
INGESTORE SERVER 3G ALLOWS COMPRESSED OR UNCOMPRESSED FILE CAPTURE FROM A RANGE OF 3G/HD/SD-SDI SOURCES



3RU rackmount solution to plug and play into your existing equipment and storage architecture.



4 simultaneous and independent streams allows capture of multiple inputs from a range of 3G/HD/SD-SDI sources. Each channel can be capturing a different resolution, frame-rate, and/or codec.



Multiple codec options give flexibility for IngeStore to easily integrate with your existing workflow, for both uncompressed and compressed formats.

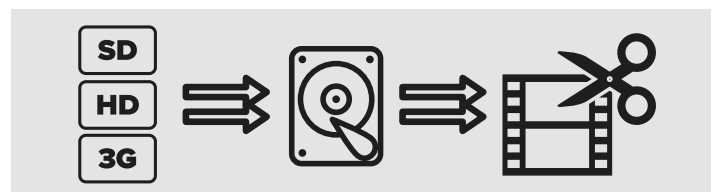
Additional codec licences are available at shop.bluefish444.com



Network Shared Storage (including Avid Nexis Shared Storage) is fully compatible with IngeStore Server 3G, allowing other network connected systems to access the media directly.



3 record modes ensure that no matter what your capture workflow, you'll be able to do so in the easiest way possible. The available record modes are crash record, timecode in/out, and timecode auto.



Edit-While-Record (EWR) means that you can start editing your footage in Adobe Premiere Pro or Avid Media Composer NLEs, while your file is being captured live as a growing file*.

*Edit-While-Record requires the **BlueRT** plug-in for some formats and codecs.

INGESTORE SERVER 3G ALLOWS COMPRESSED OR UNCOMPRESSED FILE CAPTURE FROM A RANGE OF 3G/HD/SD-SDI SOURCES

Bluefish444 IngeStore Server 3G is a dedicated 3RU Server, able to capture 4 independent streams of HD/SD or 2 streams of 3G video from separate SDI sources simultaneously. Recorded files can be captured in Uncompressed QuickTime or AVI, DVCPRO50, and DVCPROHD file formats free, with additional codec licences available for purchase at shop.bluefish444.com.

IngeStore server comes pre-configured with Windows 10 Pro operating system, Bluefish444 IngeStore software, dual port 10Gb Network Interface to connect with existing network attached storage, professional Nvidia Quadro GPU, and a Bluefish444 Epoch I 4K Supernova S+ professional SDI video capture card.



INGESTORE MULTI-CHANNEL CAPTURE IS THE PERFECT COMPANION FOR:

MULTI-CAM STUDIO

ARCHIVE FROM VIDEO TAPE

EDIT-WHILE-RECORD

ELECTRONIC NEWS GATHERING

ISO RECORDING

POST-PRODUCTION

UNCOMPRESSED CAPTURE & ENCODE LATER



BLUECONTROLLER

The **Bundled RS-422 controller software** can be used to start, stop, fast forward and rewind RS-422 devices in tandem with IngeStore.



RestFUL API support for remote control functionality of the IngeStore capture system via an easy to use, flexible, and network-friendly API.

SPECIFICATIONS	
Height	132MM (3RU)
Width (including side rails)	437MM
Length	647MM
Weight	35KG
HARDWARE	
SYSTEM	
CPU	DUAL XEON E5
Cores	20
DDR Memory	64GB
System Drive	SSD
Redundant System Drive	YES
Windows 10 Pro 64-bit	YES
Power Supply (94+) (with redundancy)	920W
CONNECTIVITY	
RJ45 Gigabit Ethernet LAN Ports	2
RJ45 Dedicated IPMI LAN Port	1
USB 3.0 Ports	4
USB 2.0 Ports	4
USB 2.0 Ports (Type A)	1
Serial Port (Fast UART)	2

PCIE DEVICES	
SDI Video Card	BLUEFISH444 EPOCH 4K SUPERNOVA S+
GPU (DP 1.4)	NVIDIA QUADRO P2000 5GB
Network Interface Card	DUAL PORT 10GBPS ETHERNET SFP+
VIDEO I/O	
SDI VIDEO	
SD SMPTE 295M	4
HD 1.5G SMPTE 292M	4
3G (Level A+B) SMPTE 424M	2
VIDEO FORMATS	
SUPPORTED YUV SDI VIDEO MODES	
(2K) 2048 x 1080p/PsF @ 23.98, 24, 25, 29.97, 30 fps	YES
(2K) 2048 x 1080p/PsF @ 48, 50, 59.94, 60 fps	YES
(HD) 1920 x 1080p/PsF @ 23.98, 24, 25, 29.97, 30 fps	YES
(HD) 1920 x 1080p/PsF @ 48, 50, 59.94, 60 fps	YES
(HD) 1920 x 1080p/PsF @ 23.98, 24, 25, 29.97, 30 fps	YES
(HD) 1920 x 1080i @ 25, 29.97, 30 fps	YES
(HD) 1280 x 720p @ 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 fps	YES
(SD) 720 x 576i @ 25 fps PAL	YES
(SD) 720 x 486i @ 29.97 fps NTSC	YES

*Specifications are correct at time of printing. Specifications may change without prior notice.

INGESTORE SERVER 3G CAN CAPTURE INTO THE FOLLOWING CODEC OPTIONS

SUPPORTED CODECS	MOV	MXF	MP4	AVI	LICENCE
DVCPRO50 25/50	YES	NO	NO	NO	FREE
DVCPRO HD	YES	YES	NO	NO	FREE
Uncompressed 2VUY/V210	YES	YES	NO	NO	FREE
Uncompressed BGR/BGRA	NO	NO	NO	YES	FREE
DNxHD 8-bit	NO	YES	NO	NO	DNxHD
DNxHD 10/8-bit	YES	YES	NO	NO	CODEC PACK
ProRes/ProRes 422	YES	YES	NO	NO	CODEC PACK
H.264	YES	NO	YES	NO	CODEC PACK
Sony XDCAM 422 50Mb	NO	YES	NO	NO	CODEC PACK
AVC-Intra	YES	YES	NO	NO	CODEC PACK
JPEG 2000 2VUY/V210	NO	YES	NO	NO	CODEC PACK + JPG2K
Edit-While-Record	YES	YES	YES	NO	CODEC PACK + blueRT

NOTE: For details about Edit-While-Record formats and licensing, refer to the [separate supplement](#).

DNxHD DNxHD codecs included: DNxHD 36, DNxHD 100, DNxHD 145, DNxHD 220. All codecs are 8-bit. Available in the Avid MediaCentral Platform. 5 year licence.

CODEC PACK DNxHD codecs included: DNxHD 36, DNxHD 100, DNxHD 145, DNxHD 220, DNxHD 220 10-bit. One time licence.



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