

Quadrus Ingest Machine

Multi-channel direct-ingest solution with real-time encoding for Avid workflow

Product Highlights

Multi-channel SD/HD capturing into the Avid MXF formats: uncompressed, DV25/50, MPEG IMX, XDCAM, Meridien JFIF and DNxHD with simultaneous creation of low-res proxy stream.

Ingest Machine writes directly to Avid Unity/ISIS or EditShare storage.

Check in media to the Avid Interplay or Avid MediaManager database.

This dedicated media recorder provides the fastest, most cost-effective way of introducing media into the nonlinear production process, and removes the "digitizing bottleneck" that has often preceded and hampered the nonlinear workflow.

Content coming from live sources such as satellite feeds can be automatically captured based on a schedule with single, daily or weekly reoccurrence. Optional switcher interface provides automated input channel switching when different channels are being recorded.

Key Benefits of Quadrus Ingest Machine

Time saving: Ingest video/audio material directly to Avid Unity/ISIS or EditShare storage and check in to Avid Interplay or Avid MediaManager database. No need to stage the media through an ingest server, tie up nonlinear editors, or involve VTRs and the shuttling of tapes to edit bays or other locations.

Editing while recording: Direct ingest to Avid Unity/ISIS or EditShare storage means that all attached editors have direct access to all digitized media and Avid editors can start editing immediately after the capturing was started.

Easy to use: One simple system instead of huge installation. Straight forward operations mean errors minimization. The whole system is being controlled by a single user interface.

Better quality: A single compressing stage is superior to the traditional workflow with multiple transcoding steps and improves quality of production.

Costs reduction: Ingest Machine is cheaper than the existing solutions.

Ingest Machine Features

Simultaneously capturing up to 8 independent channels. More channels available via a clustering tool

Full support of Avid DNxchange

Up to 4x faster capturing while using DVCAM equipment with SDTI (QSDI) option

Generating two versions of each video stream (Hi-Res and Low-Res) and optionally check in to Avid Interplay or Avid MediaManager database

An integrated online-editing functionality allows to create EDL (Edit Decision List) or the AAF composition during recording and can substitute an external video mixer. Switching between sources is controlled through external controller via GPI interface or GVG protocol

Clips can be batch scheduled for capture from deck or live source. Once the deck batch schedule mode is initiated, the only operator assistance needed will be to change tapes when prompted

Independent selection of resolution for each channel: uncompressed, DV25/50, MPEG IMX, XDCAM, Meridien JFIF or Avid DNxHD

Supports up to 8 channels of embedded audio over SDI and up to 16 channels from audio card

QuickTime reference file support

Full support for the RP188 and D-VITC codes

Support of realtime timecode extraction from audio channel

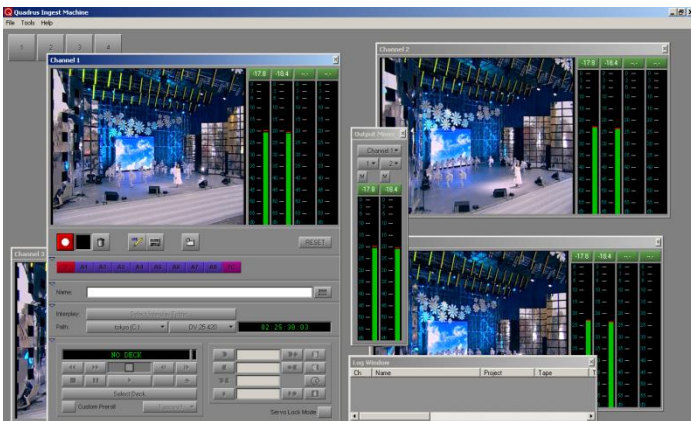
Ethernet and FC connection interfaces to shared storage, such as Avid's Unity/ISIS and EditShare

Multi-channel RS-422 VTR control by Sony protocol is provided for frame-accurate capturing

Audio VU/peak levels can be monitored and adjusted accordingly

Edit while capture for quick turnaround

Automatic creation of a Avid Interplay headframe for each clip captured, viewable in Avid Interplay production management system



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US patents pending

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