

PIXFIX™ sTiler Series



PIXFIX™ sTiler product line from PIXFIX™ VUniverse stable has the capability to receive multiple streams from any type of Encoder and stitches them together to form multiple configurations in Tiling for display. This Tile Processor works in conjunction with PIXFIX™ MbIRD/Flex/Versa and takes their output and delivers the stitched output through IP to PIXFIX™ sTILE player. Ideally suited for Multiple video channel monitoring environment to watch Live Video and Audio in a Tiled environment – gives the customer the flexibility of monitoring both Audio and Video parameters and deliver its health status to multiple stake holders. Working in conjunction with RiverSilica's PIXFIX™ Versa/Flex/MbIRD and PIXFIX™ sTiler product line, has the feature to deliver the stitched Video through Intranet or Internet for downstream PIXFIX™ sTile player for display delivery.



APPLICATIONS

Typically used in Broadcast, Institution or any Multiple channel aggregation dense or entry level environment to monitor the channels by stitching the incoming video streams or channels. Has the capability to stitch up to 160 Channels in variety of configurations and pre-processes it before sending it to display delivery environment of PIXFIX™ VUniverse product line.

FEATURES AND BENEFITS

- Highly versatile and flexible Video stitching engine for Tile display environment
- Capable of taking in multiple types of streams in PIXFIX™ VUniverse product line for Tile stitching
- Capable of delivering the Video through IP for both Intranet and Internet IP lines.
- Health status delivered through SMPT if required
- Choice of HW based on the density of Tiles
- Multiple APIs for the Tile Display environment by monitoring the health status of the incoming Video streams' Video and Audio parameters



Product at a Glance

Entry and Enterprise grade configurable video tile stitching for display solution that runs on PIXFIX™ EL/HE Series of products in conjunction with PIXFIX™ Versa/Flex/MbIRD and sTile Player.

Capable of taking in up to 160 Streams for stitching the tiles, the solution gives the customer a choice of Entry level to hyper dense environment tiling.



General Specifications PIXFIX™ sTiler Series

Input Interface

- o 2 X 1GigE
- o 2 X 10Gige

Input format

- o RTMP/HLS

Input Video CODEC

- o H.264 SD/HD

Input Audio CODEC

- o AAC-Mpeg4

Platform specifications

- o PIXFIX™ HW EL1720/HE3160/HE5500
- o 1U Chassis
- o Optional RPS
- o 2 x 1GigE
- o Optional 2 x 10GigE

Output Interface

- o 2 x 1GigE

Output format

- o RTMP/HLS

Stitch management features

- o Tile stitching configuration up to 160 Streams in a single HW
- o Multiple types of HW based on Tile stitching density and input streams
- o APIs that monitor and send the information to PIXFIX™ sTile Player
- o Works independently or works alongside the PIXFIX™ VUniverse product line
- o Configurable storage option for the delivered stitched tile to downstream environment

