
Image acquisition / management / output system

input and still-image-capture of 1 live SD / HD video input in the following formats:

SD Video Standards

525i59.94 NTSC, 625i50 PAL

HD Video Standards

720p50, 720p59.94, 720p60

1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080PsF23.98, 1080PsF24,

1080PsF25, 1080PsF29.97, 1080PsF30

1080i50, 1080i59.94, 1080i60

FILL + KEY output on 2 separate channels with SD / HD resolutions in the following formats:

SD Video Standards

525i59.94 NTSC, 625i50 PAL

HD Video Standards

720p50, 720p59.94, 720p60

1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60

1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30

1080i50, 1080i59.94, 1080i60

external synchronism by tri-sync or blackburst

General Purpose: storing and playing out still images acquired with lossless compression

Functions:

- CONTEMPORARY management of capture, preview and SDI output on two channels from the same GUI window
- adaptation / stretch of high quality images in case of different resolutions between image and output (best fit)
- adaptation management, aspect ratio preservation of video output images
- de-interlace of interlaced images on choice of the operator
- on/off enabling for outgoing alpha channel (compose to black or full alpha)
- programmable cross-fade in frames and/or fade to black
- number-sequence recall: recall of the saved images according to a numerical sequence from the keyboard

Management of image formats:

- JPG, BMP, TGA, IFF, SUN, PNG, TIFF, GIF, SVG, PICT, CUR, XBITMAP
- any resolution up to 8192x8192 points
- alpha channel support, if present

User interface management

- management of multiple routes, both network and local, easily selectable from the user interface
- completely drag-and-drop interface
- window of live-capture input with possibility of freeze to view the capture without storage
- simultaneous live preview of the two output channels
- extensive use of keyboard shortcuts for TAKE on-air, off-air, and clear-output operations
- interface, manuals, support available in Italian

Strong points:

- hierarchical image library management
 - tree view of file system folders based on a predefined path
 - display contents via image thumbnails
 - selection, rearrangement of images
 - possibility of renaming / deleting images
 - possibility of creating / renaming / deleting folders
 - search for images by sequential number of acquisition and / or by name or part of it
 - sorting of images by name, date of acquisition, size
 - drag to preview of the selected image
 - drag to-output of the selected image
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