

MIG-DN9402

4K VIDEO PROCESSOR



Product Overview

MIG-DN9402 is one of Magnimage's new 4K processor, which is specially designed for large solution display system. Adopt the highest level video processing chip, internal 24 bits system, 4K/60HZ 4:4:4 technology. Internal system adopt 4K&2K matrix function, support multiple 4K input.

Advanced cross-point image processing technology, make sure no delay and jag, output image more clear and smooth. Abundant input, which support max 94K channel input. Include 4K DP, DP, 12G SDI.

Features

- ✦ 4 channel 4K output (still have backup port), 4Kx2K, 60HZ
- ✦ Support 4K*2K/60hz 4:4:4 input
- ✦ Support HDCP 1.4&2.2
- ✦ 1 HDMI output for monitoring
- ✦ 9 channel matrix input (4xHDMI 2.0, 4xDP 1.2, 1x12G SDI extender module)
- ✦ Support 2 backgrounds
- ✦ Support EDID management, and input rename
- ✦ Image crop and image zoom function
- ✦ Support Genlock Sync
- ✦ Support 20 presets

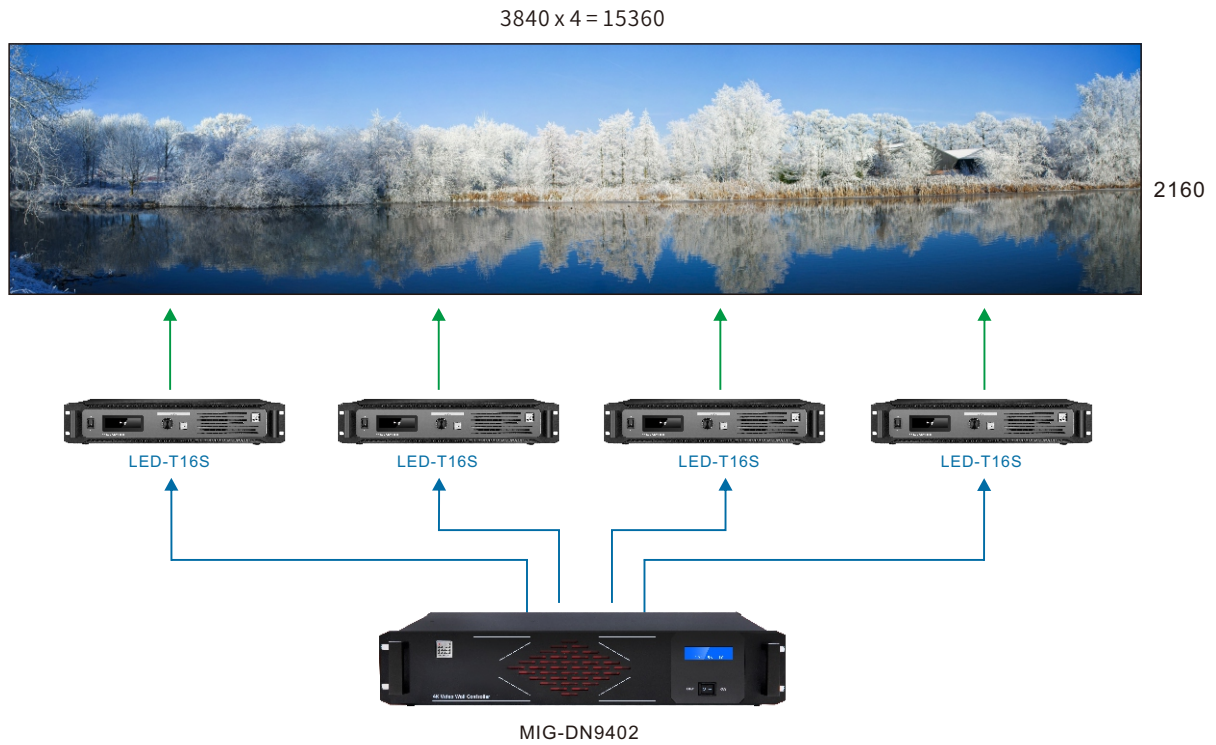
Processor Panel Introduction



- Support 9 channel input, DP1.2x4, +HDMI 2.0x4+12G SDI(extender option)
- Output Interface: total HDMI 2.0x8(include backup portx4)+Monitoring HDMIx1
- Lan port and RS232 controlling
- Support Genlock Sync module
- Support USB update

 Mosaic Mode 1:

4 channel 4K output mosaic, pixel to pixel display for Huge screen.



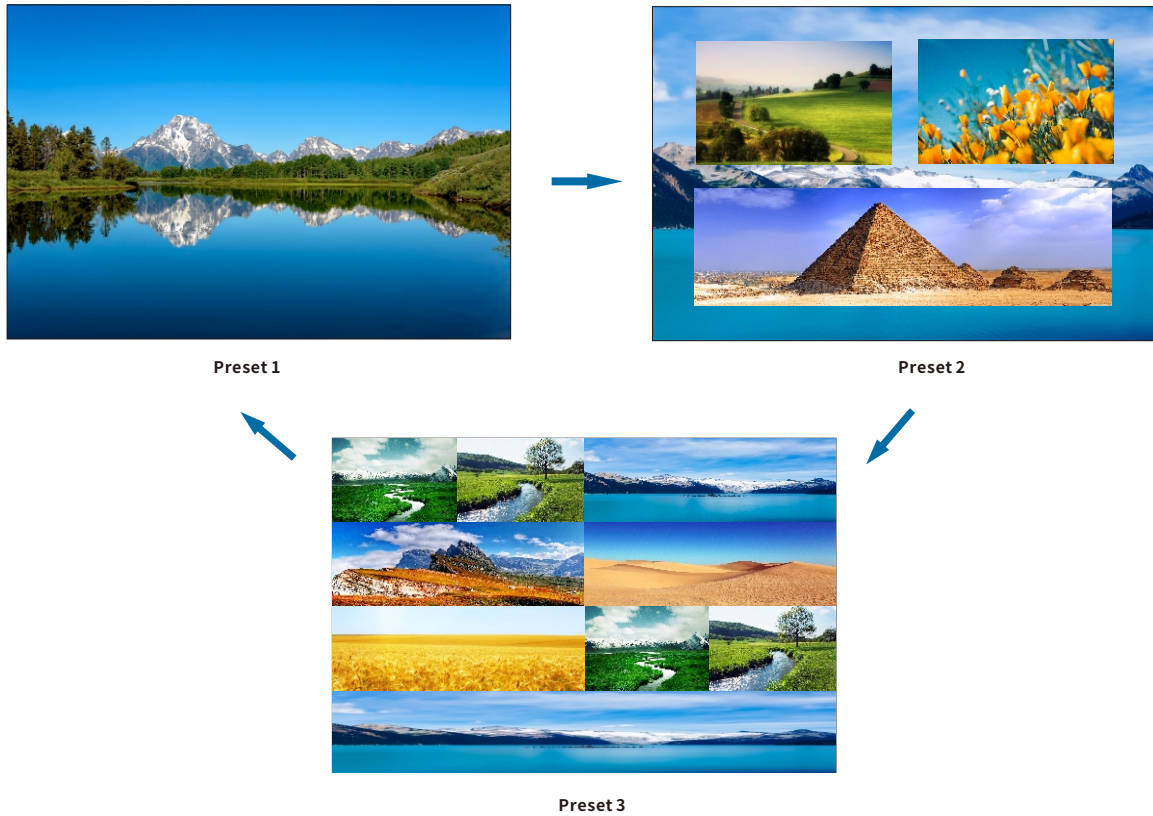
 Mosaic Mode 2:

4 channel 4K output, any out mosaic and any out independent display.



 Background capture,multi-layer display,seamless preset switching

Support 2 background,each output support 4 layer,re-sizeable and re-positionable.Max total support 16 layers,and 20 preset for switching



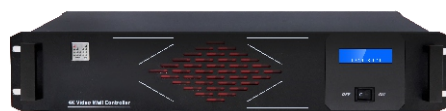
 caption

Customised size/color/speed,and any background color for option



HDMI monitoring

Monitoring function to monitor the output via HDMI port,HD resolution



Monitor

12G SDI input

12 G 4K standard SDI input , downward compatibility, can transfer high definition image. Can meet most of the TV broadcast SDI requirement.



HDR function

Extend the brightness range, advanced processing for sup-dark and sup-light area. Abundant image color be showed, soft and smooth display



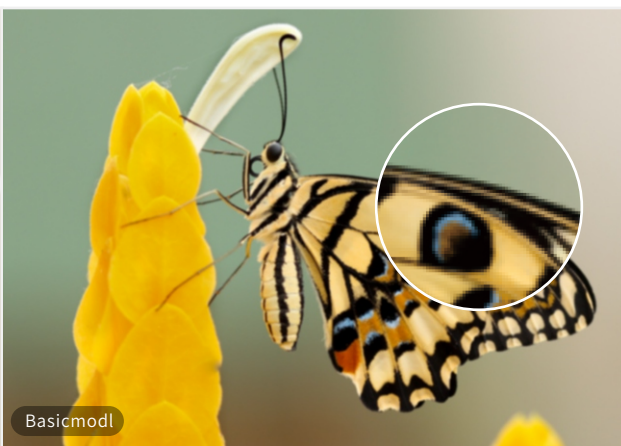
HDR Closed



HDR Open

4K@60Hz RGB 4:4:4

Input, output and internal processing are all RGB 4:4:4 sampling, which can accurately restore the signal source image details. The image display is clear and delicate. At the same time, there is no frame reducing or losing for the whole channel processing of the processor, so the video is played more smoothly, and the image details are fully displayed



Specification

Input Specification		
Input Type	QTY	Resolution
DP1.2	4	3840×2160/60Hz、7680×1080/60Hz and EDID Management
HDMI2.0	4	33840×2160/60Hz and EDID Management
12G SDI	1	3840×2160/60Hz and downward compatibility

Output Specification			
Output Type	Port	Qty	Resolution
Main	HDMI2.0	4×2	3840×2160/60Hz and EDID Management,the maximum horizontal is 7680, maximum vertical is 3500
Monitoring	HDMI1.3	1	1920×1080/60Hz

Machine Specification	
Powerinput	100~220V AC 50/60Hz
Consumption	90W
Product dimensions	482.6×446.3×92.5mm
Weight	7.1kg



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