



**Presentation Processing & Scaling**

**RGBlink<sup>®</sup>**

*advanced in standard  
pioneer in performance*



**4K**  
ULTRA HD



**8K**  
ULTRA HD



**2K**  
QUAD HD

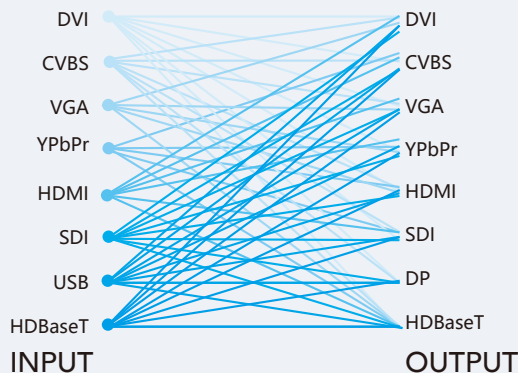


## low latency

When less is truly more, D series processors offer industry leading low latency performance using RGBlink proprietary synchronisation technologies allowing conversion from any input to any output format, whether VESA or SMPTE. Optimised at <1 frame for cross conversion, D series processors are well suited to high performance and demanding broadcast applications.

## any-in any-out

Accepting the widest range of signals for application, D series solutions are also flexible. Inputs can be converted, scales, transcoded to outputs freely, fully synchronised regardless of varying input format or signal type.



## advanced format conversion

With models for 2K, 4K and 8K, D series processors include full EDID management. Outputs are independently configurable to any resolution or refresh rate, offering downstream devices the quality standard compliant video required.

## sync to genlock

All D series processors, from 2K to 8K, include Genlock In with loop thru, allowing these processors to be an integral part of a genlocked system whether for events or broadcast.



## full color space

Providing capability for full 4:4:4 color space and 12bit grey level processing, D series devices offer full bandwidth with no compression, including for HDR signals on D4 & D8, ensuring optimal video quality and providing opportunities for image enhancement.

## multi-mode flexibility

Configure processors to operate according to the needs of the solution - system operation modes allow processors to be valuable assets with capabilities for cross conversion, presentation switching, split & stitch and more. All switching is completely seamless.



	D2	D4	D8
<b>Inputs</b>			
Max Input Signals	8	4	2*
Option Slots	1	2	1*
3G-SDI	•		
12G-SDI	•	•	
DisplayPort 1.1	•		
DisplayPort 1.2		•	•
HDMI 1.4 (max 4K30)	•		
HDMI 2.0 (max 4K60)		•	
HDMI 2.1 (max 8K30)			•
<b>Outputs</b>			
Max output signals	2+1	2+2	4
Output slots	1#	2	
3G-SDI	•		
12G-SDI		•	
DisplayPort 1.2		•	
HDMI 1.3 (max 2K30)	•		
HDMI 2.0 (max 4K60)		•	•
Layers/Windows	2	4	2
Pixel Space/Canvas	2x2K	2x4K / 4x4K	4x4K
<b>Performance</b>			
Color Space	4:4:4	4:4:4	4:4:4
Grey Level	12bit	12bit	12bit
<b>Features</b>			
Genlock	•	•	•
System Modes	6	5	2
Image Enhancements	•	•	•
EDID Management	•	•	•
Invert/Mirror	•	•	•
Chroma Key / Upstream Key	•	•	
LOGO / Downstream Key (DSK)	•	•	
Embedded Audio Pass-Through	•	•	•
<b>Control</b>			
RGBlink XPOSE™	•	•	•
RGBlink OpenAPI	•	•	•

\* D8 option slot is provided for future and not currently available. HDMI 2.1 is the single standard input.

\* D2 output slot is supplied complete with 2xSDI. Installing other options removes SDI output



video {processing} for any scale