



X *SERIES*
VENUS

Universal Video Processors

RGBlink®

Broadcasting Solution Scaled for every application



16 × 16

2K
QUAD HD

X²
VENUS



16 × 8

4K
ULTRA HD

X³
VENUS



32 × 32

4K
ULTRA HD

X⁷
VENUS



24 × 12

8K
ULTRA HD

X⁸
VENUS



52 × 40

4K
ULTRA HD

X¹⁴
VENUS



160 × 144

4K
ULTRA HD

X²⁰
VENUS



entirely modular by design

widest I/O range of signal types 4K & IP
streaming options to support multi-layer,
multi-display, multi-systems.

for every video wall application

connect every display type
create dynamic configurations.



HDR

Visual Enhancements Signals with High Dynamic Range are supported for processing via the processor with high bandwidth and wide gamut 12bit grey level.

8K source management

Splice 4K inputs and outputs seamlessly for 8K operations that are in full sync, tear and glitch free, retaining rich visual content even when scaled.



embrace every color space

Make use of 8, 10 and 12bit video together with compression free processing and full bandwidth support for multi-signal operations with superior colour and performance.

embrace 12G-SDI in & out

Natively connect SDI cameras and devices up to 12G with support for a full range of progressive and interlaced signals.





ultimate controllability

use tactile controls for events, RGBlink OpenAPI for integration everywhere, or make use of the acclaimed RGBlink XPOSE configuration and control app.

synchronise with systems

Make use of Genlock In to fully integrate and lock video processing in as part of broadcast systems.



seamlessly switch

Cut or fade seamlessly without a single black frame. Selected models offer built in DVE transitions.

	X2	X3	X7	X8	X14	X20
Inputs						
Input slots	4	4	8	6	13	32
Max input signals	16	16	32	24	52	128
12G-SDI option		•	•	•	•	
4K60 HDMI /DP option		•	•	•	•	•
Outputs						
Output slots	4	2	8	6	10	36
Max output signals	16	8	32	24	40	144
4K60 HDMI option		•	•	•	•	•
Layers						
Layers per device	16	16	64	48	160	320
Max layers per slot	4	8	8	8	16	16
Max layers per output	4	4	4	8	8	8
Output Pixel Canvas						
Mega pixel capacity	32	32	128	192	160	144
2K pixel space	32K x 1K	16K x 1K	64K x 1K		80K x 1K	160K x1K
4K pixel space		32K x 2K	64K x 2K	48K x 2K	80K x 2K	160K x2K
Preview						
Dedicated PVW output	•	option	option	•	•	•
Dedicated PVW IP streaming	•	option	option	•	•	•
Built-in monitor				•	•	
Features						
Processing	4:2:2	4:4:4	4:4:4	4:4:4	4:4:4	4:4:4
On Device OSD / Text Overlay	•	•	•	•	•	•
Chroma Key / Upstream Keyer	•	•	•	•	•	•
ARO™ Rotations & Blending		option	option	option		option
Multiple display areas/containers		•	•	•	•	•
Downstream Keyer (DSK) / LOGO	•	•	•	•	•	•
Control						
XPOSE	•	•	•	•	•	•
RGBlink OpenAPI	•	•	•	•	•	•
T1		•	•			
Tgo		•	•		•	

RGBlink[®]

video {processing} for any scale