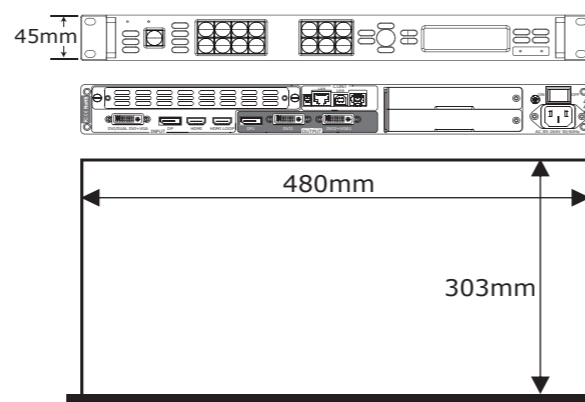


## Specifications

Features	Output Channels	1 (2 with output expansion module fitted)
	PIP	Yes, as overlay, pre-sets
Performance	Text Overlay	Yes, pre-set position variable key, edge blend
	Visual Effects	Brightness, Contrast, Saturation, Sharpness, Hue, Gamma
	EDID	Yes, Configurable
	Transitions	Variable fade time, Alpha control
	Split	Yes
	Sender Card Support	2 slots, supports dual height cards
	Input Resolutions	DVI / HDMI: SMPTE: 625@25/50 PAL   525@29.97/59.94 NTSC VESA: 800x600@60   1024x768@60   1280x768@60   1280x1024@60   1600x1200@60   1920x1080@60   1920x1200@60   2048x1152@60   2560x816@60   3840x2160@30   4096x2160@30 Display Port: 1920x1080@60   2560x1600@60   3840x2160@30   4096x2160@30 SDI: 720p@50/60   1080i@59.94/60   1080p@23.98/24/25/29.97/30/59/59.94/60   1080psf@23.98/24/25/29.97/30   1440x487@60   1440x576@50 VGA: 800x600@60   1024x768@60   1280x1024@60   1440x900@60   1600x1200@60
	Output Resolutions	Select from standard set or select user configurable SMPTE: 625/25/50 PAL   525/29.97/59.94 NTSC   1080p@50/59.94/60   1080i@50/59.94/60   720p@50/59.94/60   1280x720@23.98/24/25/29.97/30   1920x1080@23.98/24/25/29.97/30 VESA: 800x600@60   1024x768@60/75/85   1280x720@60/60   1280x800@60   1280x1024@60   1366x768@60   1366x768@60   1400x1050@60   1440x900@60   1600x1200@60   1680x1050@60   1920x1080@60   1920x1200@60   2048x1152@60   2560x816@60   3840x2160@30   4096x2160@30 (DisplayPort only) not all resolutions supported for VGA output
	Standard Supported	DVI: DVI-I Dual Link (Input)   DVI-I Single Link (Output) HDMI: 1.4 VGA: UXGA DisplayPort: 1.2 SDI: SMPTE 425M (Level A & B)   SMPTE 424M   SMPTE 292M   SMPTE 259M-C   DVB-ASI
	Grayscale Processing	10bit
Connectors	Input (Standard)	1 x DVI-I Dual Link 1 x DisplayPort 2 x HDMI
	Output (Standard)	2 x DVI-I Single Link 1 x DisplayPort
Power	Power	IEC
	Update	USB B   RJ9
	LAN	RJ45
Operation	Input Voltage	AC 85-264V 50/60Hz
	Max Power	35W
Physical	Temperature	0-45°C
	Humidity	20-90% RH
Physical	Device Dimensions	480mm x 303mm x 45mm
	Device Weight	2.8kg
	Packed Dimensions	535mm x 355mm x 130mm
	Packed (net) Weight	6.3kg

## Ordering Codes

110-0001-10-0	Venus X1pro
190-0001-21-0	Output Expansion Module
190-0001-02-1	VGA Input Module
190-0001-03-1	DisplayPort Input Module
190-0001-04-1	DVI Input Module
190-0001-05-1	DVI Input/Loop Out Module
190-0001-06-1	HDMI Input/Loop Out Module
190-0001-07-1	SDI In/Loop Out Module
190-0001-09-1	CVBS In/Backup Module
190-0001-10-1	USB In/Backup Module
190-0001-11-1	Audio Management Module
190-0001-12-0	LAN/Wi-Fi/Hotspot Comm. Module



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**RGBlink™**



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# X1 PRO

VENUS



## Simply Professional 4K Scaling and Switching

**RGBlink™**  
VIEWSIZE YOUR WORLD



## 4K Professional Switching

4K switching has never been more practical and straight forward. The modular X1 platform allows the addition of a range of signal options over and above the standard inputs. Standard inputs include 4K signals on Dual Link DVI, HDMI and DisplayPort. Output to DisplayPort as 4K or scale and split across dual 2K DVI outputs. For those needing 4K distribution and splicing on four DVI, simply add the additional output module. The output module expands X1pro to four 2K DVI outputs and adds a further DisplayPort output.

Alternately, X1pro with the output module can be become a 4K presentation switcher with the additional DVI outputs (and DisplayPort) becoming a full Preview.

All the power and flexibility familiar with RGBlink X Series.

### Features

- 4K input support on DisplayPort, HDMI and DVI
- Input standard 2K formats
- Scale and switch seamlessly between 2K and 4K inputs
- Output to any format 2K or 4K
- EDID Management on board
- HDCP 2.0 compliant
- DisplayPort 1.2 with MST
- Modular design
- Options for expandability
- Control your way either on board or with a range of remote apps

### Seamless Switching

Use the large illuminated buttons switch between inputs seamlessly. X1pro also allows source pre-selection for accurate TAKE.

When the output expansion card is fitted, X1pro can optionally be set to Switcher Mode, with the additional DVI outputs and the additional DisplayPort allowing full Preview monitoring with TAKE to output.



### Up to 4K UHD Input

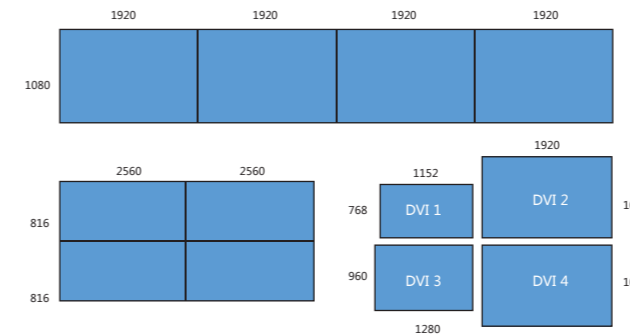
Built on standards, X1pro supports input signals up to UHD 3840x2160 on any of the inputs. Any input independent of resolution and refresh can be switched seamlessly to output.



### Splice DVI Outputs in Any Configuration

Output 4K including UHD as standard via DisplayPort, or scale and splice to the two standard DVI outputs. For 4K distribution to four DVI outputs, add the additional output module.

With the output expansion module fitted, four DVI outputs of X1pro can be spliced or arranged as desired, for example as 8Kx1K pixels or 4Kx2K pixels.



### Connect and Expand

X1pro includes the unique RGBlink system for installing common LED Display Sender Cards directly into the processor, saving valuable installation space and reducing complexity. The design allows up to two standard Sender Cards or one dual height Sender Card to be installed when the output expansion card is not fitted.



### Picture in Picture

Add a Picture in Picture (PIP) or Picture-By-Picture (PBP) using one of the build in pre-sets. The PBP feature is ideal for splitting 2 inputs across 2 outputs. Many possibilities with the PIP/PBP feature including for keyed text overlay.



### Modular Design

Adding additional inputs to X1pro is straight forward. Three input slots are available for a range of options – the same options that are available for X1. These include 2K options for USB, SDI, DVI, HDMI and VGA.



### Control Your Way

All X1pro functions can be controlled from the front panel, and in addition, RGBlink offers a suite of apps across popular platforms for both laptop control and mobile control. Simply connect X1pro to an Ethernet network, or create a hotspot with the X1 Wi-Fi option.

