Presentation Switcher & Seamless Scaler

D2

The standard in presentation switching, D2 is so much more than seamless switcher. With multiple output modes, this video processor is a very flexible solution across a range of applications whether for scaling, presentation switching, 4K distribution or broadcast.

Truly an All-in-One solution, D2 accepts a wide range of input signals in a huge array of formats. Inputs can be converted, scaled, transcoded to standard DVI/HDMI outputs or output to optional ports including SDI, HDBaseT and FiberPort.

Intuitive and Easy to Use.

D2 maintains, yet builds on a familiar look and interface. The bright OLED display is easy to read in all light conditions, large illuminated buttons allow easy switching, and for fast setting numbered buttons can be used to digitally enter resolutions and values with high accuracy, avoiding long spins on the adjustment knob.

Advanced Performance.

Not only does D2 have a multiple operation modes, this presentation switcher and scaler packs in a host of professional features including broadcasting Genlock and EDID management. On board processing is 12bit allow fine control for Noise Reduction, Brightness, Contrast, and Saturation. D2 supports modern high resolution standards up to 2560x1600 @ 60Hz. In addition to a wide range of standard output resolutions, D2 supports user customised output resolutions for the ultimate in control.

Specifications

Features:
- Multiple output modes
- Pack in a host of professional features
- Supports modern high resolution standards

Connectors:
- 6 x BNC (SDI/Genlock each with Loop)
- 1 x DE-15 (VGA)
- 1 x HDMI (with Loop)
- 1 x DVI (with Loop)
- 1 x DisplayPort
- DVI / HDMI / VGA
- IEC
- USB B
- RJ45

Power:
- Input Voltage: AC 85-264V 50/60Hz
- Max Power: 45W
- Weight: 3.7kg (net)
- 6.9kg (packaged)
- Dimensions: 480 x 403 x 45mm (device)
  535 x 455 x 130mm (packaged)

Order Codes

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-0628-00-0</td>
<td>D2</td>
</tr>
<tr>
<td>100-0628-01-0</td>
<td>Dual CVBS Input Module</td>
</tr>
<tr>
<td>100-0628-02-0</td>
<td>Dual USB Input Module</td>
</tr>
<tr>
<td>100-0628-03-0</td>
<td>Dual VGA Input Module</td>
</tr>
<tr>
<td>100-0628-04-0</td>
<td>Dual HDMI Input Module</td>
</tr>
<tr>
<td>100-0628-05-0</td>
<td>Dual DVI Input Module</td>
</tr>
<tr>
<td>100-0628-06-0</td>
<td>Dual SDI Input Module</td>
</tr>
<tr>
<td>100-0628-21-0</td>
<td>SDI / Fiber / HDBaseT Output Module</td>
</tr>
</tbody>
</table>

The standard in presentation switching, D2 is so much more than seamless switcher.

With multiple output modes, this video processor is a very flexible solution across a range of applications whether for scaling, presentation switching, 4K distribution or broadcast.

Truly an All-in-One solution, D2 accepts a wide range of input signals in a huge array of formats. Inputs can be converted, scaled, transcoded to standard DVI/HDMI outputs or output to optional ports including SDI, HDBaseT and FiberPort.

Intuitive and Easy to Use.

D2 maintains, yet builds on a familiar look and interface. The bright OLED display is easy to read in all light conditions, large illuminated buttons allow easy switching, and for fast setting numbered buttons can be used to digitally enter resolutions and values with high accuracy, avoiding long spins on the adjustment knob.

Advanced Performance.

Not only does D2 have a multiple operation modes, this presentation switcher and scaler packs in a host of professional features including broadcasting Genlock and EDID management. On board processing is 12bit allow fine control for Noise Reduction, Brightness, Contrast, and Saturation. D2 supports modern high resolution standards up to 2560x1600 @ 60Hz. In addition to a wide range of standard output resolutions, D2 supports user customised output resolutions for the ultimate in control.
Features to Love

- Multi Mode Operation
- High Performance 12bit Processing
- Expandable including 4K Support
- Remote control Apps

Visual Effects
Apply a range of visual effects and enhancements.

Picture In Picture
In Standard Mode, PIP can be applied in any size or position.

Noise Reduction
Where signals are of low quality and displaying noise / scatter apply the D2 Noise Reduction feature to reduce the impact of the noise on the output signal and improve visual performance.

Rotation and Flip
Output may be rotated, flipped horizontally or vertically.

DSK/Chroma Key
On PIP, DSK or a Chroma Key can be applied, great for logos and text overlays.

Format
D2 accepts most common input formats, and outputs in an even greater array of recognised industry standards up to 2560x1600 @ 60Hz. Additionally D2 allows users to specify any custom output resolution within this range.

Configure EDID
Each compatible input can be individually configured for EDID.

Crop & Position
Select X and Y offsets along with width and height to select any image part for output.

Mask
Set output masks for top, bottom, left and right or select from a preset.

Optional Modules
- Dual USB Input
- Dual CVBS Input
- Dual SDI Input/Loop
- Dual DVI Input
- Dual HDMI Input
- Dual VGA Input
- HDBaseT Output Module

Operation Modes

- Standard Mode
  - Both the DVI and HDMI output identical signals and resolutions – the HDMI performing as monitor. PIP in can be set in any size or position.
  - Resolution settings are identical for both the DVI and HDMI.
  - Input selection can be made on Preview. Use the dedicated TAKE button to seamlessly switch between Preview and Program.

- Dual 2K Mode
  - The DVI and HDMI perform independently, with each output able to have resolution individually set.
  - Dual 2K mode is ideal for distributing 4K inputs and for outputting to LED displays of differing pitch.

- Min Delay Mode
  - Switcher Mode
  - Output resolution is set and locked to the input resolution, with the processor otherwise operating as per Standard Mode. Min Delay operates as the setting suggests, minimises signal delay and is especially useful where SDI output module option is fitted.

Apps and Remote Control

Windows
Continuing in the RGBlink tradition, D2 includes Windows® software allowing communication by USB or a LAN connection. Along with all settings and operations, updates can be installed via USB connection.

OSX
With many video professionals making use of Apple® Mac laptops, RGBlink uniquely provides a native OSX app allowing full control of settings, operations and updates.

iPhone & iPad
A native universal app for iPad and iPhone is available, providing remote control of settings and making a ideal operations remote where a WiFi connected LAN is available.

Android
RGBlink offers a native Android app for D2. With a wide range of Android devices available, the app is an excellent remote for settings and operations remote of Wi-Fi connected LAN processors.