## Specifications

### Connectors
- **Input**: 11 slots up to 4 single inputs, select from
  - Select from: DVI Module
  - HDMI Module
  - SDI Module
  - USB Module
- **Output**: 1 slot select from
  - With SDI: 2x HDMI A | 1x BNC
  - Without SDI: 1x HDMI A
  - With USB 3.0 (SDI): 2x HDMI A | 1x BNC | 1x USB-A
  - With USB 3.0 without SDI: 2x HDMI A | 1x BNC | 1x USB-A
- **Audio**: IN L/R | 2x RCA
  - OUT L/R | 2x RCA
  - DUT: 1x 3.5mm Stereo Jack
- **Communication**: LAN: 1x RJ45
  - DM: 1x DB9
  - USB: 1x USB-B
  - Genlock Y: 1x BNC
- **Power**: 5V DC

### Performance
- **Input Resolution**: Select from below or auto mixed
  - SD: SMPTE 480i | 576 | 720p | 50/60 | 1080i | 50/60 | 1080p | 50/60
  - HD: SMPTE 1080i | 1080p | 25/29.97/30/50/59.94/60
  - YPbPr: SMPTE 1080i | 1080p | 25/29.97/30/50/59.94/60
  - DVI: HDMI

### Features
- **Layers**: 2
- **MA/SA Edit**: Support
- **Brightness**: Standard range
- **EDID Management**: Yes
- **Power**: Input Voltage: AC 85V-264V, 50/60Hz
  - Max Power: 120W
- **Environment**: Temperature: 0-55°C
  - Humidity: 10%-90%
  - Weight: Not weight 5.36kg
  - Package: 7.8kg
  - Dimensions: Not 462mm x 282mm x 95mm
  - Package: 585mm x 410mm x 205mm

### Order Codes

<table>
<thead>
<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>220-0001-01-0</td>
<td>M1</td>
<td>590-0002-01-0</td>
<td>Wings/Sidekr M1 (Pav)</td>
</tr>
<tr>
<td>290-0001-07-0</td>
<td>Single 3G-SDI Input/Loop Module</td>
<td>190-0001-12-2</td>
<td>Single USB2.0 Input/Backup Module</td>
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<tr>
<td>290-0001-10-2</td>
<td>Single USB2.0 Input/Backup Module</td>
<td>190-0001-13-2</td>
<td>Single HDMI Input Module</td>
</tr>
<tr>
<td>290-0001-05-0</td>
<td>Output Module HDMI/USB 3.0</td>
<td>190-0001-04-2</td>
<td>Single DVI Input Module</td>
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<tr>
<td>290-0001-03-0</td>
<td>Output Module HDMI/SDI</td>
<td>190-0001-07-2</td>
<td>Single 3G-SDI Input/Loop Module</td>
</tr>
<tr>
<td>290-0001-02-0</td>
<td>Output Module HDMI/SDI (Standard)</td>
<td>190-0001-10-2</td>
<td>Single USB2.0 Input/Backup Module</td>
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<tr>
<td>290-0001-01-0</td>
<td>Output Module PGM HDMI/SDI</td>
<td>190-0001-04-2</td>
<td>Single DVI Input Module</td>
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<tr>
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<td>Output Module PGM HDMI/SDI</td>
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</tr>
<tr>
<td>220-0001-01-0</td>
<td>Output Module PGM HDMI/SDI</td>
<td>190-0001-13-2</td>
<td>Single HDMI Input Module</td>
</tr>
</tbody>
</table>

### Dimensions

- M1 wings/panel fried angle/holes

WEB: www.rgblink.com  EMAIL: sales@rgblink.com  PHONE: +86 592 5771197
Proudly designed and manufactured in Xiamen Hi Technology Zone, China
Fully integrated video scaling and mixing for everyday

A complete solution, simply connect M1 to any display and start presenting. Front panel console style controls together touch screen display make M1 intuitive and natural in use, even for the new operator.

More than just a video mixer, M1 allows full scaled output to modern displays without additional equipment. For stage/conference presentations on board features including PIP (picture-in-picture) add powerful capabilities to make use of additional video sources including cameras;

While compact in size, M1 brings together essential features for small presentation environments, including audio mix features allowing connection to audio mixers or powered speakers.

Features
- Four modular user fit inputs
- Single channel output on HDMI (optionally SDI)
- Resolution independent configurable output
- Dedicated Multi-View Preview
- Picture in Picture with DSK & Mask effects
- Digital video transition effects
- Pixel-to-pixel scaling engine
- Digital stereo audio processing
- Support for external audio insert and output
- Genlock Y In
- Remote control via XPOSE mobile app.

Picture-in-Picture
Add a PIP as a foreground layer in any position, including with scale and crop.

Transition Effects
There are over a dozen transition effects and wipes built into M1. These maybe used via the T-bar or timed from the TAKE button.

Dedicated Preview
A dedicated HDMI output with multi-view is provided from which both PGM and PST can be monitored, along with input sources and audio levels.

Mixed Audio
Both embedded and insert audio are supported with separate left/right audio level controls available on the front panel. Audio may be selected independently from the video source. PPM monitoring maybe shown on the PVW as visual confirmation of source and output.

Scale
Set output resolution independently from input resolutions, and scale the output pixel-to-pixel, ideal for direct connection to non-native displays such as LED.

Digital Effects
The PIP may have an effect applied – options include masks (with a range built in as well as support for custom masks), DSK/Chroma Key to remove a background colour and variable edge blend, as soften effect to allowing the PIP to merged with the main image.

Visual Enhancements
Apply a range of visual effects and enhancements with fine grain controls may be utilised for each input. Controls include brightness, contrast, saturation, sharpness and color temperature.

Video Mixing
M1 vision mixer style control panel provides a range of tactile controls including familiar T-Bar and large illuminated buttons for easy of operation.

Modular by Design
Each input is individual and are user fit – choose from a wide range of modular signal options. Modules are highly standardised across the RGBlink range for event greater flexibility.

Input options include HDMI, DVI, SDI, CVBS, USB and more.

Output options are HDMI or HDMI/SDI.

*shown with optional input and output modules – refer specification and options