

Cost effective All-in-One Mixing & Scaling

M1



M1 makes video scaling and mixing more accessible and intuitive than ever before. Building on RGBlink technologies and innovations for a unique - almost "hand-held" - fully integrated All-in-One video processor, M1 redefines what a modern video processor can be.

**RGBlink**<sup>®</sup>



### Cross Convert & Scale Pixel-for-Pixel

Up-Down cross-convert any input signal to output. Set output resolution to any of the standard formats or any custom format. Scale output pixel-for-pixel, ideal for non-standard and LED displays.

### Live Control

Instantly see which input channels are live on PGM, and select signals directly for PST via the illuminated buttons on the front panel.



### Picture in Picture

M1 supports two layers – a background layer and a foreground PIP layer. Both layers are configurable dynamically for position, scale and crop.



### Store Presets

Save multiple presets for easy recall via dedicated buttons on the front panel.

### Creative Video Masks for PIP

Apply a mask to a PIP on PGM, adding creative effects to presentations.

### Transitions & T-Bar

M1 includes a wide range of popular transition effects including wipes, slide and iris transitions in addition to mix/fade. These transitions are available for use via the T-Bar or for timed effect using the TAKE button.



### DSK/Chromakey

Apply DSK or Chromakey to the PIP for sophisticated effect.



### STILL/LOGO

Insert a STILL as a channel logo for always on display, or a LOGO than transitions with TAKE.

### Touch Screen Control

XPOSE embedded comes to life with in M1, with a 5.0 inch touch screen display to access all functions and features. Intuitive modern control of video has never been more accessible.





### Four Modular Inputs

Four input channels are provided on M1. A standard M1 model ships with four DVI input signals fitted. A wide range of options for user fit are available with each input configurable independently.

### Integrated Audio

M1 supports both embedded audio and external audio sources. Select the audio source for output to both the embedded and separate outputs and set the level via the audio faders on the front panel.

### Genlock

Black Burst / Genlock Y In is supported as standard on M1, allowing locking and synchronisation with other video devices.

### Tally

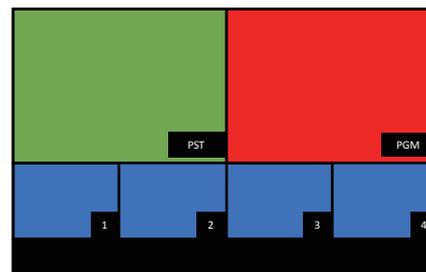
A standard DSUB9 connector is provided for Tally signalling in broadcast orientated environments.

### Dual Modular Outputs

For output, there are both HDMI and 3G-SDI fitted as standard. M1 offers unparalleled modularity with a range of options available allowing the standard outputs to be exchanged for IP Streaming output or S9 LED Sender Card output.

### Dedicated Preview

M1 includes a dedicated multi-view preview (PVW) output for input sources, as well as preset and program monitoring for video preview right where it is needed.



### Input Options



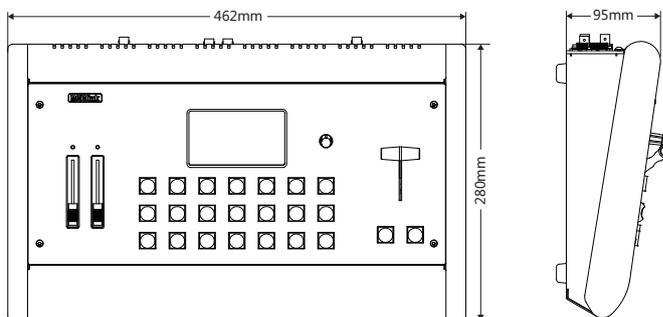
## Specifications

Input	Slots	4 x Modular Inputs		
	Options	HDMI   DVI   SDI   USB   VGA   YPbPr   CVBS		
Output	Program (PGM)	1 x Modular Input Slot (Fitted standard with HDMI & SDI)		
	Options	HDMI/SDI   IP Streaming   S9 Sender		
	Preview (PVW)	1 x HDMI		
Features	Layers	2		
	DSK/ChromaKey	Yes (foreground layer)		
	Blend	Yes (foreground layer)		
	Mask	Yes (foreground layer)		
	OSD	Yes (independent)		
	Transitions	Yes		
Performance	Input Resolutions	DVI/HDMI:		
		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		
		VESA: 800x600@60   1024x768@60   1280x768@60		
		1280x1024@60   1600x1200@60   1920x1080@60		
		SDI: 480i 576i 720p@50/59.94/60 1080p@24/25/29.97/30/50/59.94/60 1080i@50/59.94/60		
	Output Resolutions	VGA: 800x600@60   1024x768@60   1280x1024@60   1440x900@60   1600x1200@60		
		1080p@50/59.94/60、1080i@50/59.94/60		
	Genlock Y In	CVBS: 480i PAL   576i NTSC		
		Select from standard set or select user configurable		
Standards Supported	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			
	VESA: 800x600@60   1024x768@60   1280x768@60   1280x1024@60   1600x1200@60   1920x1080@60			
	Black Burst: 480i   576i   720p@50/60   1080i@50/60   1080p@50/60			
	DVI: DVI-I			
Grayscale Processing	HDMI: 1.3			
	VGA: UXGA			
Processing Engine	DisplayPort: 1.0			
	SDI: SMPTE425M(Level A and Level B)   SMPTE424M   SMPTE292   SMPTE259M-C   DVB-ASI			
Standard Connectors	Power Supply	Power IEC		
	Comm. Module	Genlock	1 BNC	Tally 1 DB9 F
		LAN	1 RJ45	USB In 1 USB B
		Audio In	2 RCA	Audio Out 2 RCA   1 3.5mm Stereo Jack
	Output Module	PVW	1 HDMI	
PGM		1 HDMI   1 BNC		
Input Modules	Input 1-4 4 HDMI			
Power	Voltage	AC 85-264V 50/60Hz		
	Max Power	65W		
Environmental	Temperature	-25°C - 55°C		
	Humidity	10 - 90% RH		
Physical	Dimensions	462mm x 280mm x 95mm (Device)		
		491mm x 434mm x 211mm (Packaged)		
	Weight	5.5kg (Net Weight)		
		8.0kg (Packaged)		

## Ordering Codes

Product Code	Item
220-0001-01-0	M1
190-0001-03-2	DisplayPort 1.1 Input *
190-0001-04-2	DVI Input (CVBS, VGA, YPbPr with adapter)
190-0001-13-2	HDMI Input
190-0001-07-2	3G-SDI In/Loop Out
190-0001-10-2	USB 2.0 In/Backup

\*Coming soon



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Proudly designed and manufactured in Xiamen Hi Technology Zone, China

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