

Cost effective All-in-One Mixing & Scaling

M-ONE



M-ONE 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, M-ONE redefines what a modern video processor can be.

RGBlink™



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.

Picture in Picture

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



Creative Video Masks for PIP

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

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.

Transitions & T-Bar

M-ONE 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.



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.



Store Presets

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

OSD

Load custom OSD (on screen display) text for display as an overlay.



Preview on Board

Preview video directly via the built in LCD touch screen.

Touch Screen Control

XPOSED embedded comes to life with in M-ONE, with a 4.3 inch touch screen display to access all functions and features. Intuitive modern control of video has never been more accessible.



Remote Control

Put M-ONE on a LAN/Wi-Fi connected network to access and control M-ONE remotely from XPOSE mobile adding further possibilities for configuration and live operations.

** coming soon. not available at launch*



Four Modular Inputs

Four input channels are provided on M-ONE. A standard M-ONE 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

M-ONE 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 M-ONE, allowing locking and synchronisation with other video devices.

Tally

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

Input Options



Dual Modular Outputs

For output, there are both HDMI and 3G-SDI fitted as standard. M-ONE 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

M-ONE 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.



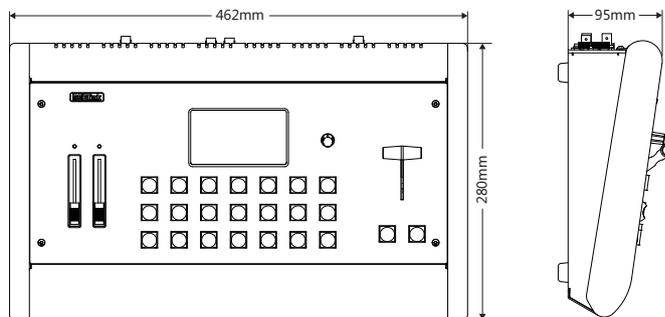
Specifications

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 VGA: 800x600@60 1024x768@60 1280x1024@60 1440x900@60 1600x1200@60 1080p@50/59.94/60 1080i@50/59.94/60 CVBS: 480i PAL 576i NTSC
	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 VESA: 800x600@60 1024x768@60 1280x768@60 1280x1024@60 1600x1200@60 1920x1080@60
	Genlock Y In	Black Burst: 480i 576i 720p@50/60 1080i@50/60 1080p@50/60
	Standards Supported	DVI: DVI-I HDMI: 1.3 VGA: UXGA DisplayPort: 1.0 SDI: SMPTE425M(Level A and Level B) SMPTE424M SMPTE292 SMPTE259M-C DVB-ASI
	Grayscale Processing	12bit
	Processing Engine	10bit
	Standard Connectors	Power Supply
Standard Connectors	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	M-ONE
220-0001-02-0	M-ONE DVI
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
290-0001-01-0	SDI/HDMI PGM & PVW Output module
290-0001-02-0	H.264/HDMI PGM & PVW Output module
290-0001-03-0	CL S9 PGM & PVW Output module

Dimensions



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Proudly designed and manufactured in Xiamen Hi Technology Zone, China

RGBlink™



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