Video Micro Converter (VMC)
VMC Garage

Technical Specifications & Options

L x W x H
155 x 120 x 45 mm /
6.1 x 4.7 x 1.8 inch

Weight: 0.43 kg / 0.95 lbs

Power Input: 12 DC

System Link: e:net (RJ45 for setup)

Input: DVI (female connector)

Output: DVI (female connector)

Mounting: On-wall mounting, optional mounting in 19" VMC Garage

VMC

The Video Micro Converter (VMC) is a compact device used to convert a DVI signal to DMX512 or e:pix for LED control of large media installations. Specially designed to easily output video content on LED media installations, one VMC grabs up to 4096 pixels from a video source. For video lighting installations requiring more than 4096 pixels, multiple VMCs can be daisy-chained to convert the entire video via DVI signal. The VMC features very flexible pixel mapping capabilities for demanding LED installations ranging from a few hundred to a million pixels. There are two available versions of this device; VMC outputs DMX512 and e:pix, while the VMC DMX512 outputs only DMX512.

- Simple video-to-LED solution
- Supports DVI input resolutions up to 1080p (1920 x 1080 pixels)
- Highly versatile pixel mapping capabilities
- Configurable DMX512 monochrome or color channel mapping
- Grabs and converts up to 4096 DVI pixels per VMC (DMX512 mode) and 4096 pixels (e:pix mode)
- Internal active DVI signal booster
- Configurable startup delay
- Stored default image in case of video input loss
- Arrange lighting fixture and set up VMCs using the e:cue software suite

VMC Garage

The VMC Garage is a 19" rackmounting solution for the successful Video Micro Converter (VMC) unit. The VMC Garage comes with a slot-in system and a built-in multirange power supply for up to three VMC units (giving up to 3 x 4096 pixels resolution). The windows on the frontside provide access to the VMC displays and the frontside RJ45 connectors of the VMCs.