

traxon



Video Micro Converter



MC.PX.6000000

The Video Micro Converter (VMC) is a compact DVI to DMX/e:pix conversion device capable of grabbing 4096 pixels from a DVI source. Multiple VMCs can be daisy chained together to convert the entire DVI video source to control multiple LED lighting fixtures.



INDOOR

PRODUCT SPECIFICATIONS

- **Function:** DVI to DMX/e:pix signal conversion
- **DVI Input:** Grabs 4096 pixels RGB (12288 channels), free mapping from DVI-D or DVI-I (up to 1024 x 768 @ 60Hz)
- **DVI Output:** Buffered DVI-D
- **Channel Outputs:** 8 ports. (up to 1536 channels per output)
- **Daisy Chain Capability:** Up to 8 VMCs; multiple chains using DVI splitter
- **Device Configuration:** Via 100M-bit ethernet
- **Display:** Power indicator, DMX/e:pix indicator, video IN/OUT indicator, 7-segment display

DATA INTERFACE

- **Video Input:** DVI video from DVI-D/DVI-I connector
- **Control Input:** 100M-bit ethernet on female RJ45
- **Outputs:** 1x DVI; 8x DMX/e:pix output ports on female RJ45

ELECTRICAL SPECIFICATIONS

- **Ext. Power Supply:** 12-24V DC (Universal AC-DC 12V adapter included)
- **Power Consumption:** 5W max.

MISCELLANEOUS

- **Housing:** Anodized aluminium case
- **Mounting:** Optional mounting in a 3-unit rack - VMC Garage [MC.AC.0100000]
- **Dimensions:** 124mm x 120mm x 42mm / 4.9" x 4.7" x 1.7"
- **Weight:** 420g / 14.8oz

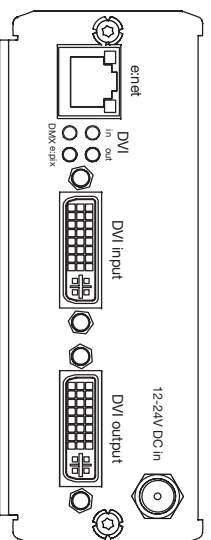
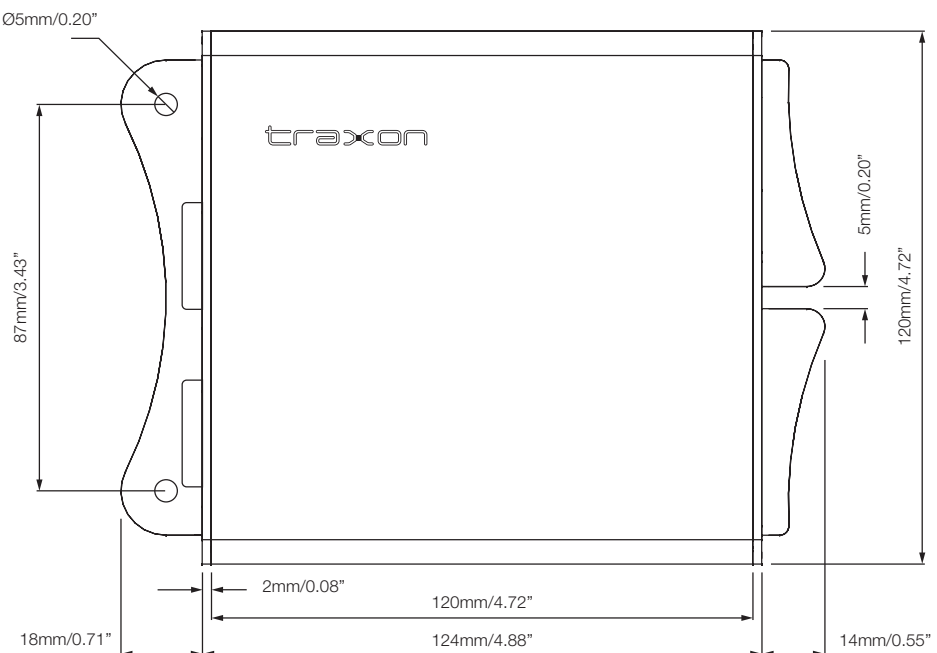
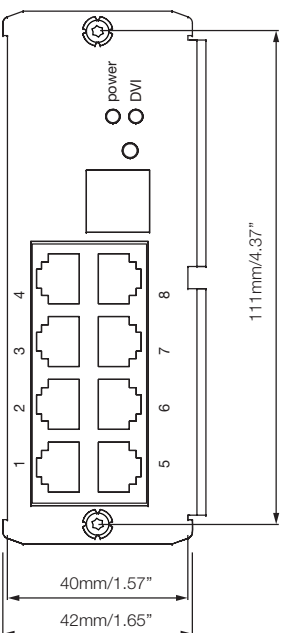
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Dimensions

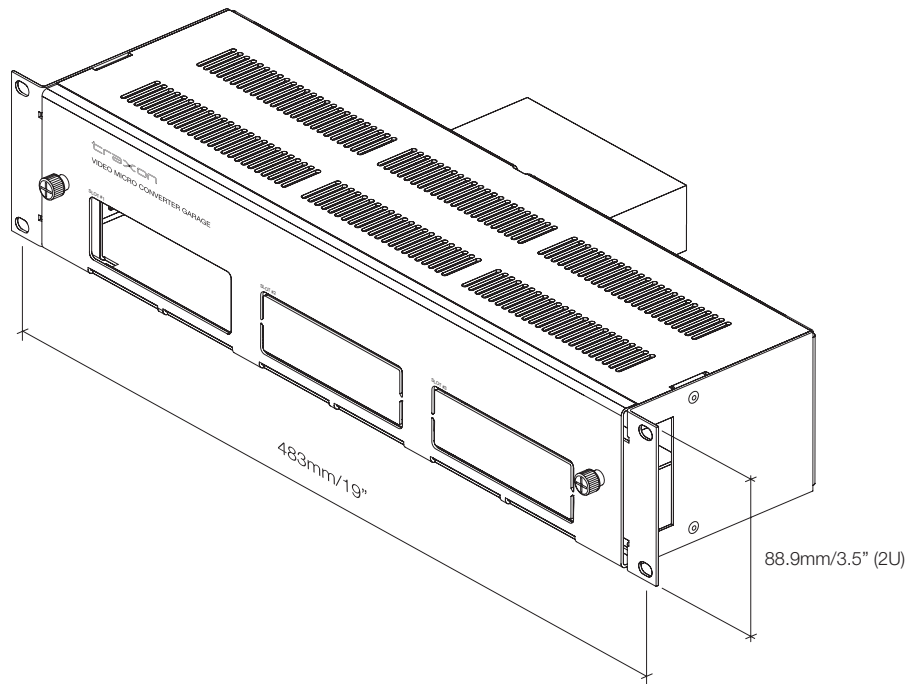
TECHNICAL DRAWING





MOUNTING OPTIONS

Optional Mounting in 19" Rack Video Micro Converter Garage [MC.AC.0100000]



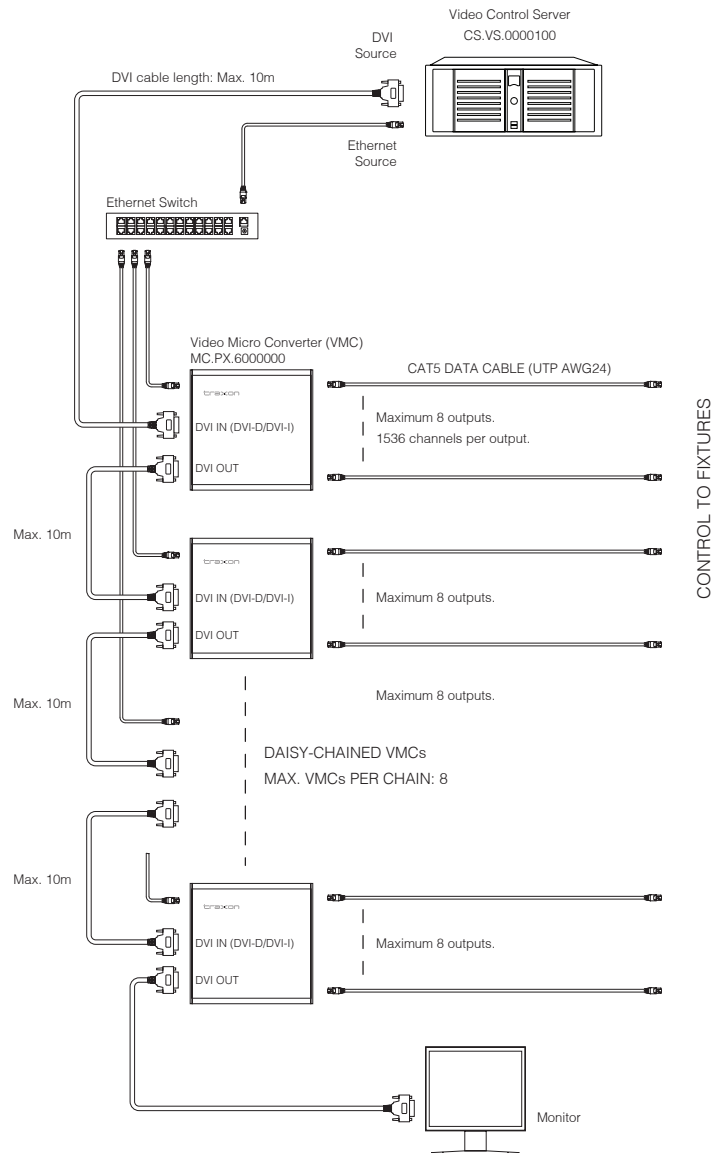
The Video Micro Converter Garage [MC.AC.0100000] houses up to three Video Micro Controllers.

The Garage includes an universal AC-DC 12V adapter that powers 3 Video Micro Converters.



SYSTEM DIAGRAM - Configuration Example 1

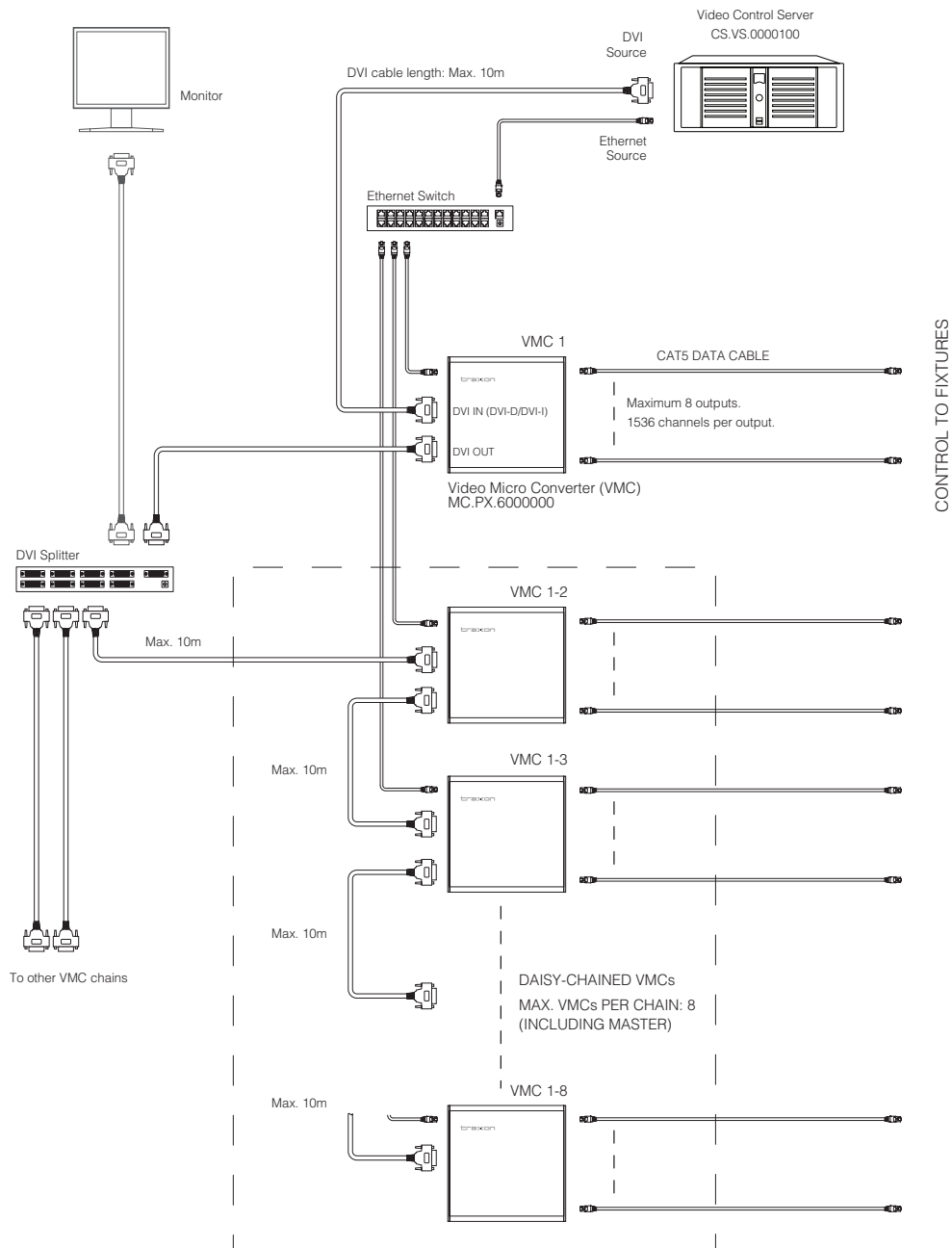
Basic daisy chain connection for up to 8 VMC units.





SYSTEM DIAGRAM - Configuration Example 2

Connection for more than 8 VMC units





SYSTEM DIAGRAM - Configuration Example 3

Connection for 192 VMC units.
(Configuration to grab max. pixels: 1024 x 768.)

