

UVS-01

compact 4 to 1 RGB video switch



High Quality RGB Video Switch

UVS-01 is a compact size video switch for high definition RGBHV video switching. It is an ideal choice for e.g. embedded applications with video signals up to UXGA resolution and constrained space.

Easy Control

One of the four input signals is selected either manually with a toggle switch or externally from a PC using a standard serial interface. When used with a Unigraf UFG-03 frame grabber, the switch can be operated simply through the standard VGA cable without any additional controls.

Industrial Construction

UVS-01 is built in a rugged metal enclosure for compatibility to industrial or maritime environment and easy mounting. The compact size (178 x 92 x 31 mm) enables the mounting inside cabinets, on the wall or under the table.

Benefits

- No loss in image quality
- Compact and slim design
- Easy to mount
- Manual or SW control
- Compatible to UFG-03 SW

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Applications

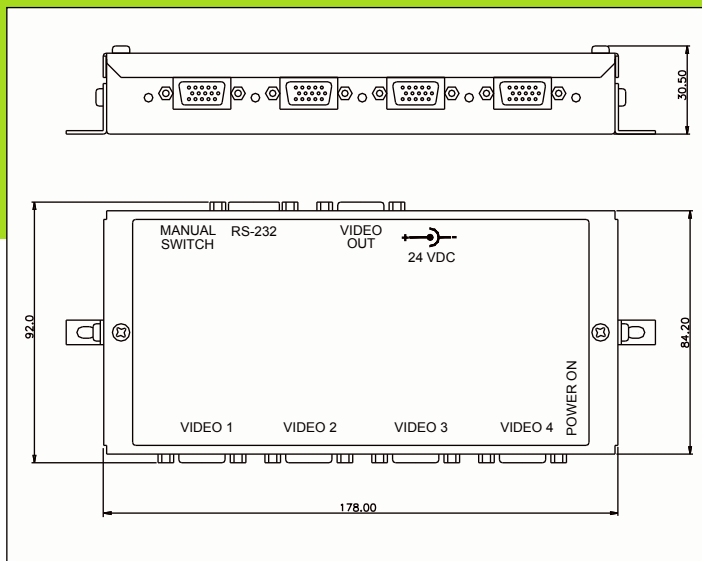
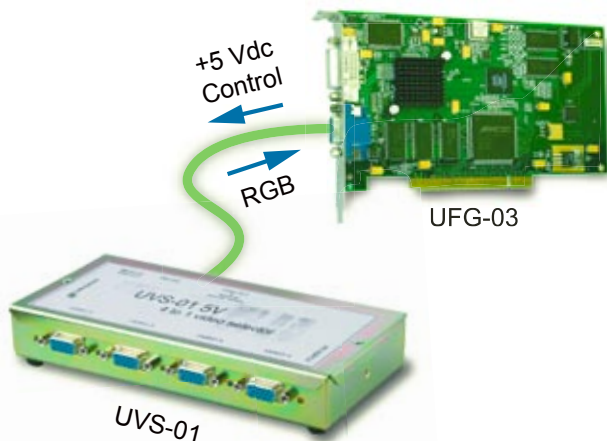
Video capturing from Multiple Sources

You can select between four input signals for the capture. The high bandwidth of the UVS-01 enables the transfer of signals up to UXGA (1600x1200) resolution without any loss of image quality.

The built-in software support for UFG-03 frame grabbers makes the UVS-01 an integral part of the capturing system.

View multiple PC screens in one PC

With the help of UVS-01 and a UFG-03 frame grabber you are able to build a system for selecting from multiple RGB inputs to view or print from.



LEFT UVS-01 outline view with main dimensions

Specifications

Video signal Inputs:	4 Analogue RGB 0.7 Vpp nominal, 75 ohm, Sub-D 15 pin
Video signal outputs:	1 Analogue RGB 0.7 Vpp nominal, 75 ohm, Sub-D 15 pin
Video signal levels:	Video voltage level 0.3 Vpp minimum, 1.5 Vpp maximum. H & V synchronisation signals with TTL levels.
Video bandwidth:	300 MHz (-3dB)
Controls:	1) RS-232 input 2) Channel select manually 3) Control via VGA cable
Supply voltage:	24 Vdc nominal (18 to 36 Vdc) AC/DC Converter included 5 Vdc via VGA cable (option)
Power consumption:	5 W, maximum.
Operating temperature:	-15 to +55°C
Storage temperature:	-40 to +70°C
Main Dimensions:	178 (W) x 30.5 (H) x 92 (D) mm
Weight:	490 g (w/o DC/DC converter)

Specifications are subject to change



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