

The quad split unit QV4VGA is a compact and economically priced device to display simultaneously four video sources at one video monitor. The goal of a quad unit is to reduce the numbers of monitors required in a control room. The QV4VGA operates in 625/50 and 525/60 standard and offers four inputs for SDI video, which may be sync or non-sync to each other.

The video signals are processed in realtime to be scaled to one quadrant of the raster for display at the QV4VGA output. Additionally each single input signal can be switched to the output in full size.

Each quadrant has a first and secondary source ident and there are GPIs to highlight which source is on air. Each ident can be configured individually. A remote control port allows to operate the unit from an external controller. Most common controller protocols are implemented to communicate with.

The QV4VGA housing is designed as a 1/2 19" wide 1 RU height device, to be mounted as a single unit or together with a second unit from the TAMUZ quad series as a full 19" 1 RU unit in any 19" rack. Regarding the external power supply the QV4VGA operates without any fan absolutely noiseless.

QV4VGA Front



QV4VGA Rear



Features

- four SDI 625/50 – 525/60 (ITU-R601) video inputs, synchron or asynchron
- displays four full images on a QV4VGA capable video monitor
- aspect ratio converter at each input to correct 4:3 and 16:9 signals
- source ident for each input with tally On-Air ident via GPI
- realtime processing for broadcast and security applications
- two QV4VGA units are mountable as 19" 1 RU with optional mounting kit

Specifications

Inputs	4x Serial Digital Video (ITU-R 601)
Outputs	1x QV4VGA RGBHV-Signal
Connectors	BNC 75 Ohm, SubHD15pin
TV Standards	525/60 and 625/50, automatically
Remote Control	RS232 9pin SubD with protocol for TSL, Miranda, Protec and more
GPI/O	15pin SubD, for Tally and Full Size Images
Power	5 V DC 1200 mA
Power Supply	Universal 98-125V or 198-250V 12VA nominal
Dimensions	1/2 19" Rack Format, 1RU (44mm) Height, 410mm Depth
Weight	2,5 kg

Developed and manufactured by

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