

# V-Switch quad II



## Quad Multiviewer and KVM Switch

**V-Switch quad II simultaneously displays four analog or digital computers and video sources on a single screen. In addition, these computers can be controlled with just one keyboard and mouse or touch screen. The integrated transparent high-speed USB 2.0 matrix allows switching USB devices like printers and external memory to all computers.**

### DVI & VGA, HDTV, PS/2 & USB

V-Switch quad II can process analog and digital video signals via DVI-I ports as both inputs and output. Various video modes up to 1920x1200, including HDTV resolutions are supported. Additionally, any combination of input and output resolutions can be used. V-Switch quad II also permits configuration of the EDIDs at the input ports. Computers with PS/2 and USB keyboard and mouse can be connected.

### Operation

There are six different ways of switching video channels and display modes: front panel buttons, configurable keyboard shortcuts (hotkeys), mouse (Hotmouse function), external device configuration program, serial control devices via DCP-XML protocol, and various models of USB touch screens.

### Transparent USB 2.0 matrix

V-Switch quad II features a transparent high-speed USB 2.0 matrix to switch USB devices like finger printers, memory sticks, and webcams to computers connected. The switching can be performed automatically together with the active channel or manually with and without warning. For example, a single finger printer can be used to log in on all computers connected. Data can be copied from one computer connected to V-Switch quad II to the other without being networked – just via memory stick connected to one of the four USB 2.0 ports on the rear panel of V-Switch quad II.

### Serial control, remote access, and touch screen compatibility

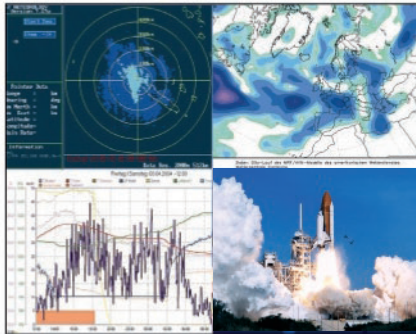
V-Switch quad II supports external serial control via DCP-XML protocol. Combined with KVM over IP extenders, V-Switch quad II enables location-independent remote control of the attached KVM devices. V-Switch quad II is compatible with many USB touch screen models. While showing all sources simultaneously on the screen, they can be controlled with the touch of a finger.

### Wide range of applications

Areas of application include monitoring systems, process control centers, server rooms, medical industries, broadcasting, production and automation, aircraft and vehicles. In combination with projectors, V-Switch quad II is also used in presentations and conference rooms. To display more than four sources simultaneously on a single screen, V-Switch quad II can be cascaded.



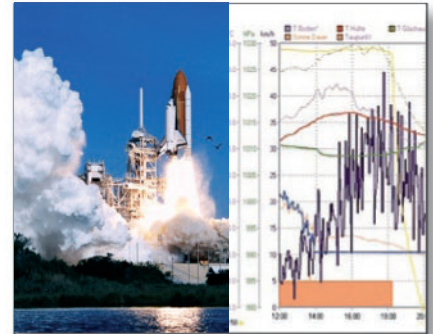
## V-Switch quad II



Quad mode



PiP mode



Dual mode

### Quad mode

In Quad mode, the screen is divided into four equal-sized areas. Each field displays the entire screen content of a video source or computer.

### PiP mode

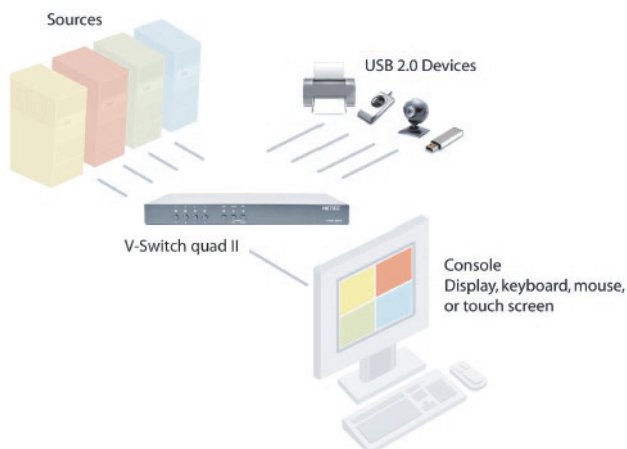
When the PiP (Picture in Picture) function is activated, up to all three other video sources are displayed on the right-hand side of the full-screen image as thumbnails, allowing them to be monitored simultaneously. Size, position and selection of these thumbnails are customizable.

### Dual mode

In Dual mode, the left halves of the full screen images from two video sources are displayed side by side at full size.

### Fullscreen mode

In Fullscreen mode, one of the four video sources is shown at full size and maximum resolution while keeping its native aspect ratio.



### Ordering information

HE-VSW-QUAD-II	V-Switch quad II, desktop, 19" rack mount kit
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### Technical data

Casing:	stainless steel, powder coated, dimensions: 436 x 234 x 44 mm (WxDxH), color: black (RAL 9005)
Computer ports:	4 x DVI-I (analog and digital), 4 x PS/2, 4 x USB
Console ports:	1 x DVI-I, 2 x USB for keyboard and mouse or touch screen
USB 2.0 ports:	4 x USB for transparent USB 2.0 devices (USB 1.1 down compatible)
Serial ports:	1x RJ/45 (RS232) (for updates or remote control)
Input and output resolution:	up to 1920 x 1200 @ 60 (DVI & VGA), HDTV modes supported up to 1920 x 1080 @ 60 Hz, reduced blanking, progressive (non-interlaced)
Touch screen compatibility:	various USB touch screen models supported: details available upon request
EDID adjustment:	at each input port customizable
Supported keyboard layouts:	German, English, French, Italian, Spanish, Japanese
Power supply:	internal AC adapter, 100-240V, 50/60 Hz
Power consumption:	max. 25 watts, (0 watt in OFF state)
Operating temperature:	5°C to 45°C (41°F to 113°F)
Storage temperature:	- 10° to 60° C
Relative humidity:	5 to 85% non-condensing
Weight:	2,9 kg
Certificates:	CE, FCC, RoHS compliant

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