

## V-Switch quad



### Quad Multiviewer and KVM Switch

**V-Switch quad 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.**

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

V-Switch quad can process analog and digital video signals via DVI-I ports as both inputs and outputs. 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 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 between video channels and display modes: front panel buttons, configurable keyboard shortcuts (hotkeys), mouse (hotmouse function), via an external device configuration program, serial control devices via DCP-XML protocol, and touch screens.

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

V-Switch quad supports external serial control via the DCP-XML protocol. In this way, it can be integrated into larger control and automation systems.

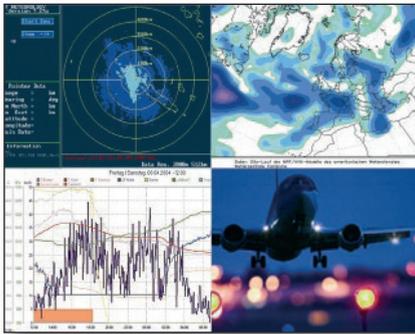
Combined with KVM over IP extenders, V-Switch quad enables location-independent remote control of the attached KVM devices. V-Switch quad is compatible with many touch screen models. While showing all sources simultaneously on the screen, they can be controlled with the touch of a finger.

#### 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 is also used in presentations and conference rooms.



# V-Switch quad



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

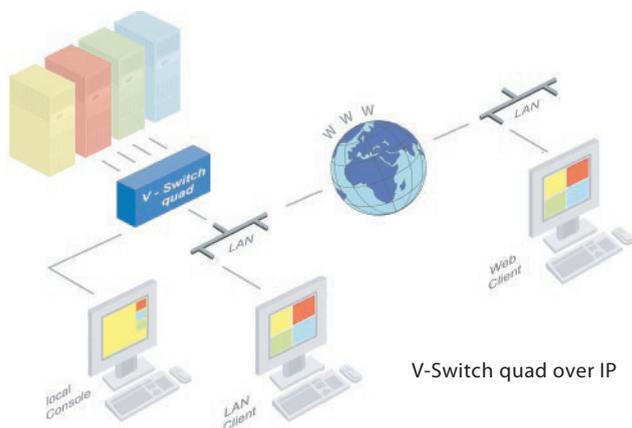
When the PiP (Picture in Picture) function is activated, up to all three other video sources are displayed on the right-hand side of the full-screen image as thumbnails, allowing them to be monitored simultaneously. Size, position and selection of these thumbnails are customizable.

## Dual mode

In Dual mode the left halves of the fullscreen 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 screen size and maximum resolution.



## Ordering information

HE-VSW-QUAD	V-Switch quad, desktop, 19" rack mount kit
<i>optional:</i>	
HE-V-IP	V-IP (KVM over IP extender)

## 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
Input and output resolution:	up to 1600 x 1200 @ 60 (VGA) up to 1920 x 1200 @ 60 (DVI) reduced blanking also supported  HDTV modes supported up to 1920 x 1080 @ 60 Hz, progressive (non-interlaced)
Touch screen compatibility:	various 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. 35 watts
Operating temperature:	5° to 45° C
Storage temperature:	- 10° to 60° C
Relative humidity:	5 to 85% non-condensing
Weight:	2,9 kg
Certificates:	CE, FCC, RoHS compliant

## HETEC Datensysteme GmbH

Landsberger Straße 65  
D-82110 Germering, Germany  
Tel.: +49 (0)89 - 89 43 67 - 0  
Fax: +49 (0)89 - 89 43 67 - 99  
Email: info@hetec.de  
Web: www.hetec.de