

# SDRK/6SD

## KVM Extender 6-Port Local Hub

*Extends up to six channels of high-resolution video, PS/2 keyboard and mouse, and serial port signals over Category 5, 5e, 6 or Level 7 (CATx) cable.*



Front view

- Support for high video resolution over extended distances (up to 50m or 300m depending on choice of Remote Units)
- Serial port extension
- DDC emulation
- Dual Access with Private mode
- Surge-protected CATx interfaces
- Fully independent ports for enhanced reliability
- Status indicator LEDs on RJ45 ports
- Keyboard and mouse emulation ensures CPU boots under all circumstances
- Each port powered directly by connected PC
- Rack mount chassis (2U)

### Compatibility

The SDRK/6SD Local Hub offers full compatibility with the following KVM extender Remote units:

- SDLink/RS

*May be used with other SDBX, SDLink and SDMX Remote Units for video only applications*



Rear view

# SDRK/6SD

## KVM Extender 6-Port Local Hub

### Specification

#### Video

<b>Maximum Resolution</b>	Determined by Remote Unit
<b>Extension Range</b>	Up to 50m or 300m depending on choice of Remote Unit
<b>Video Compatibility</b>	VGA to UXGA, RGB
<b>Video I/O</b>	0.7V P-P
<b>VESA DDC</b>	Hub port emulates universal monitor. Custom DDC information can be supplied; contact Technical Support for details.
<b>Video Compensation</b>	Set by switch on Remote unit
<b>Video Coupling</b>	DC
<b>Sync I/O</b>	H/V or composite TTL level Sync polarity is preserved
<b>Video In Connectors</b>	DB25 (female)
<b>Video Out Connectors</b>	HD15 (female)

#### Keyboard and Mouse

<b>KB Compatibility</b>	PC/AT, PS/2
<b>Mouse Compatibility</b>	Standard PS/2 two/three button Standard wheel mice
<b>Connectors (CPU)</b>	DB25 (female) (KVM)
<b>Connectors (Device)</b>	6-pin miniDIN socket

#### Serial Interface

<b>Baud Rate</b>	1200, 9600 or 19200 Baud (user-selectable)
<b>Serial Data Format</b>	8 data bits, no parity, 1 stop bit
<b>Flow Control</b>	<b>Hardware:</b> RTS/CTS passed through or looped back, DTR/DSR passed through or looped back or none (user-selectable) <b>Software:</b> Transparent to software flow control
<b>Connectors</b>	DB9 male (DTE)

#### Power Requirements

<b>Local Port</b>	5V DC at up to 200mA. Each port powered individually by connected PC. Requires optional PSU for video/serial only applications.
<b>Local Hub PSU</b>	<i>Optional</i> - required for video/serial only applications. 5V DC, 20W (4A) (certified to all relevant safety standards) Universal IEC input 2.5mm DC jack (centre positive)

#### Size and Shipping Weight

<b>Size</b>	482x112x88mm (2U)
<b>Shipping Weight</b>	3.56 kg

### Example Application

SDRK/6SD Hub used with SDLink/RS units to extend up to six CPUs to touch screen consoles with local access

