

# SDRK/6D

## KVM Extender 6-Port Local Hub

*Extends up to six channels of high-resolution video, PS/2 keyboard and mouse 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)
- Dual Access with Private mode
- DDC emulation
- 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 (1U)

### Compatibility

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

- SDLink/R
- SDLink/RLC
- SDLink/6R
- SDBX/R1
- SDBX/R2
- SDBX/R4
- SDMX/R2

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



Rear view

# SDRK/6D

## 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 at 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

### Power Requirements

<b>Local Port</b>	5V DC at up to 200mA. Each port powered individually by connected PC. Requires optional PSU for video only applications.
<b>Local Hub PSU</b>	<i>Optional</i> - required for video 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>	482x112x44mm (1U)
<b>Shipping Weight</b>	2.65 kg

### Environmental

<b>Operating Temp</b>	0 to 40°C
<b>Storage Temp</b>	-30 to 65°C
<b>Relative Humidity</b>	5 - 90% non-condensing
<b>Chassis Construction</b>	Fully shielded. Black painted steel
<b>Approvals</b>	CE, FCC (Class A)

## Example Application

SDRK/6D Hub used with SDBX/R1 units to extend up to six CPUs to KVM consoles with local access

