

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

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

Keyboard and Mouse

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

Power Requirements

Local Port	5V DC at up to 200mA. Each port powered individually by connected PC. Requires optional PSU for video only applications.
Local Hub PSU	Optional - 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

Size	482x112x44mm (1U)
Shipping Weight	2.65 kg

Environmental

Operating Temp	0 to 40°C
Storage Temp	-30 to 65°C
Relative Humidity	5 - 90% non-condensing
Chassis Construction	Fully shielded. Black painted steel
Approvals	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

