

SDLink/RS

KVM Extender Remote Unit

Extends one channel of high-resolution video, PS/2 keyboard and mouse, and serial signals up to 300m over Category 5, 5e, 6 or Level 7 (CATx) cable.

- **High video resolution:**
1600x1200@60Hz up to 65m
1280x1024@75Hz up to 120m
1024x768@75Hz up to 300m
- **Serial port extension**
- **Fully adjustable video equalization**
- **Surge-protected CATx interface**
- **Compatible with SDRK KVM Local Hubs**
- **Rack mount kit available**
- **Fully shielded steel chassis**



Front view

Compatibility

The SDLink/RS Remote Unit offers compatibility with the following rack mount KVM Local Hubs:

- SDRK/6S
- SDRK/6SD
- SDRK/6*
- SDRK/12*
- SDRK/6D*
- SDRK/6A*
- SDRK/6AD*

* Video only applications



Rear view

SDLink/RS

KVM Extender

Remote Unit

Specification

Video

Maximum Resolution	1600x1280@60Hz up to 65m 1280x1024@75Hz up to 120m 1024x768@75Hz up to 300m
Video Compatibility	VGA to UXGA, RGB
Video I/O	0.7V P-P
Video Compensation	Three stage continuously variable DC
Video Coupling	DC
Sync I/O	H/V or composite TTL level Sync polarity is preserved
Video Out Connector	HD15 (female)

Keyboard and Mouse

KB Compatibility	PC/AT, PS/2
Mouse Compatibility	Standard PS/2 two/three button Standard wheel mice
Connectors	6-pin miniDIN socket

Serial Interface

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

Power Requirements

Remote Unit	9V DC, 0.75A (max) 2.5mm DC jack (centre positive)
Remote Unit PSU	9V DC, 2A (18W), isolated output (certified to all relevant safety standards) Universal IEC input 2.5mm DC jack (centre positive)

Size and Shipping Weight

Remote Unit	202x100x36mm
Shipping Weight	1.08 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/6SD Hub used with SDLink/RS units to extend up to six CPUs to touch screen consoles with local access

