

SDLink/RSW

KVM Extender

Remote Unit and Switch

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

Front view



- **High video resolution:**
1600x1200@60Hz up to 65m
1280x1024@75Hz up to 120m
1024x768@75Hz up to 300m
- **Integrated KVM switch allows access to remote or local CPU**
- **Fully adjustable video equalization**
- **Surge-protected CATx interface**
- **Compatible with SDRK KVM Local Hubs**
- **Shielded steel chassis**
- **Rack mount kit available**

Compatibility

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

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

* Video only applications



Rear view

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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	H/V or composite TTL level
Sync I/O	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

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

Training system with up to six remote PC consoles. SDLink/RSW Remote units allow trainees to either view/access demonstrator's PC or use own PC independently.

