

SDLink2/SW

Single Channel KVM Extender Kit

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

Remote unit - front view



- **High video resolution:**
1600x1200@60Hz up to 65m
1280x1024@75Hz up to 120m
1024x768@75Hz up to 300m
- **Remote Unit incorporates KVM switch to connect CPU**
- **Dual access**
- **Private mode**
- **DDC emulation**
- **Fully adjustable video equalization**
- **Surge-protected CATx interfaces**
- **Local units powered directly by PC**
- **Keyboard and mouse emulation ensures CPU boots under all circumstances**
- **Rack mount kit available**
- **Shielded steel chassis**

Contents

- Extender Remote unit
- 9V DC universal power supply for Remote unit
- Extender Local unit
- Local Unit KVM CPU cable set (1.8m) with PS/2 keyboard and mouse connectors, and VGA video connectors
- Remote Unit KVM CPU cable set (1.0m) with PS/2 keyboard and mouse connectors, VGA video connector and 25-way extender connector
- IEC AC power cord
- Quick start guide



Local unit - 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
VESA DDC	Local Unit emulates universal monitor. Custom DDC information can be supplied; contact Technical Support for details.
Video Compensation	Three stage continuously variable DC
Video Coupling	DC
Sync I/O	H/V or composite TTL level Sync polarity is preserved
Video In Connectors	Local CPU: HD15 (male) Remote CPU: 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)	Local CPU: 6-pin miniDIN socket Remote CPU: DB25 (female)
Connectors (Device)	6-pin miniDIN socket

Power Requirements

Local Unit	5V 200mA (max) supplied by PC's PS/2 keyboard port. External PS/2 PSU also available.
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

Local Unit	202x100x36mm
Remote Unit	202x100x36mm
Shipping Weight	2.48 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)

Application

