

# SDLink1/SU

## Single Channel KVM Extender Kit

All you need to extend one channel of high-resolution video and SUN keyboard and mouse 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
- **Fully adjustable video equalization**
- **Surge-protected CATx interfaces**
- **Local Unit powered directly by PC**
- **Keyboard and mouse emulation ensures CPU boots under all circumstances**
- **Fully shielded steel chassis**
- **Rack mount kit available**



Remote unit - front view

### Contents

- Extender Remote unit
- 9V DC universal power supply for Remote unit
- Extender Local unit
- 1.8m VGA cable
- 1.8m MiniDIN 8-pin cable
- IEC AC power cord
- Quick start guide



Local unit - rear view

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### Specification

#### Video

<b>Maximum Resolution</b>	1600x1280@60Hz up to 65m 1280x1024@75Hz up to 120m 1024x768@75Hz up to 300m
<b>Video Compatibility</b>	VGA to UXGA, RGB
<b>Video I/O</b>	0.7V P-P
<b>Video Compensation</b>	Three stage continuously variable DC
<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>	HD15 (male)
<b>Video Out Connectors</b>	HD15 (female)

#### Keyboard and Mouse

<b>Compatibility</b>	SUN
<b>Connectors (CPU)</b>	8-pin miniDIN socket
<b>Connectors (Device)</b>	8-pin miniDIN socket

#### Power Requirements

<b>Local Unit</b>	5V 200mA (max) supplied by SUN keyboard port
<b>Remote Unit</b>	9V DC, 0.75A (max) 2.5mm DC jack (centre positive)
<b>Remote Unit PSU</b>	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

<b>Local Unit</b>	202x100x36mm
<b>Remote Unit</b>	202x100x36mm
<b>Shipping Weight</b>	2.10 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)

### Application

