

SDLink/DM

Single Channel

KVM Mini Extender Kit

All you need to extend one channel of high-resolution video, PS/2 keyboard and mouse up to 50m over Category 5, 5e, 6 or Level 7 (CATx) cable with access at both Local and Remote units.

- **High video resolution:**
1280x1024@75Hz up to 50m
1600x1200@60Hz up to 30m
- **Dual access**
- **Private Mode at Local console**
- **DDC emulation**
- **Video equalization set by single switch on underside of Remote unit**
- **Surge-protected CATx interfaces**
- **Keyboard and mouse emulation**
- **Local unit powered directly by PC**
- **Fully shielded steel chassis**
- **Small footprint**



Remote unit - front view

Contents

- Extender Remote unit
- 9V DC universal power supply for Remote unit
- Extender Local unit
- KVM CPU combination cable (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	1600x1200@60Hz up to 30m 1280x1024@75Hz up to 50m
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	Two ranges: 0-25m, 25-50m; set by switch on Remote Unit
Video Coupling	DC
Sync I/O	Separate/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
Connector (CPU)	DB25 (female) (KVM)
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	84x100x44mm (1U)
Remote Unit	84x110x26mm
Shipping Weight	1.38 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

